APPENDIX I

Air Quality and Greenhouse Gas Emissions Analysis

Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the Alta Oceanside Project City of Oceanside, California

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Acronyms and Abbreviations

Acronym/Abbreviation	Definition
°C	degrees Celsius
°F	degrees Fahrenheit
µg/m^3	micrograms per cubic meter
AB	Assembly Bill
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CALGreen	California's Green Building Standards
CalRecycle	California Department of Resources Recycling and Recovery
CAP	climate action plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH_4	methane
City	City of Oceanside
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CPUC	California Public Utilities Commission
DPM	diesel particulate matter
E-CAP	Energy and Climate Action Element
EIR	environmental impact report
EO	Executive Order
EPA	U.S. Environmental Protection Agency
EV	electric vehicle
GHG	greenhouse gas
GWP	global warming potential
HAP	hazardous air pollutant
HFC	hydrofluorocarbon
HVAC	heating, ventilation, and air conditioning
IPCC	Intergovernmental Panel on Climate Change
ITE	Institute of Transportation Engineers
LCFS	Low Carbon Fuel Standard
LOS	level of service
LST	localized significance thresholds
MMT	million metric ton
MPO	Metropolitan Planning Organization
MT CO_2e	metric tons of CO_2 equivalent
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NCTD	North County Transit District
NF_3	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen

Acronym/Abbreviation	Definition
O_3	ozone
OEHHA	Office of Environmental Health Hazard Assessment
PDF	project design feature
PFC	perfluorocarbon
PM_{10}	particulate matter with an aerodynamic diameter less than or equal to 10 microns
$PM_{2.5}$	particulate matter with an aerodynamic diameter less than or equal to 2.5 microns
ppb	parts per billion
ppm	parts per million
PV	photovoltaic
RAQS	Regional Air Quality Strategy
RPS	Renewables Portfolio Standard
RTIP	Regional Transportation Improvement Program
RTP	Regional Transportation Plan
SB	Senate Bill
SDAB	San Diego Air Basin
SCAG	Southern California Association of Governments
SCS	Sustainable Communities Strategy
SDAPCD	San Diego County Air Pollution Control District
SDG&E	San Diego Gas & Electric
SF_6	sulfur hexafluoride
SLCP	short-lived climate pollutant
SO_2	sulfur dioxide
SO_4	sulfates
SO_x	sulfur oxides
SP/yr	service population per year
TAC	toxic air contaminants
VOC	volatile organic compound
ZEV	zero emission vehicle
ZNE	zero net energy

Executive Summary

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Alta Oceanside Project (project). This assessment utilizes the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.).

Project Overview

The project site is located in the northern portion of the City of Oceanside (City) in San Diego County, California. The 5.3-acre site is generally located west of Interstate 5, south of the San Luis Rey River, east of the San Luis Rey River Trail, and north of the State Route 76 western terminus. More specifically, the site is located at the southwest corner of the North Coast Highway and Costa Pacifica Way intersection, at 939, 1003, 1009, and 1015 North Coast Highway.

The proposed project involves the construction of a mixed-use residential and commercial development, with demolition of the existing commercial uses on the site. The residential component would include 309 units comprised of one-, two-, and three-bedroom residences. These residential units would include 283 market-rate apartments and 26 affordable apartments. The commercial component would include approximately 5,422 square feet of restaurant, retail, and/or visitor uses on the ground floor along North Coast Highway. For this analysis, it was conservatively assumed the project may include up to 5,800 square feet of high-turnover restaurant space. The proposed building is a five-story (maximum 65-foot-tall) apartment/commercial building that would wrap around a five-level parking garage. The project would provide a minimum of 528 parking spaces to meet the peak shared parking demand for this mixed-use project, based on parking standards of the Oceanside Municipal Code, Oceanside Local Coastal Program, and State Density Bonus law. Parking would be provided via a parking garage located in the central area of the site and within a surface lot in the southwest area of the site.

Supporting amenities would include recreational uses, open space and a leasing office. The proposed recreational amenities include a library, clubhouse, fitness center, pool, and bicycle storage. The proposed open space would be located within three courtyards, a street-oriented pedestrian plaza, the roof deck, balconies, and patios, as well as along the site perimeter. The project would provide landscaping, including drought-tolerant species, along the site perimeter and within the exterior open space areas.

The project site is located within the San Diego Air Basin and is under the jurisdiction of the San Diego County Air Pollution Control District (SDAPCD). Construction and operational criteria air pollutant and GHG emissions were estimated using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2.[1]

Air Quality

The air quality impact analysis evaluated the potential for adverse impacts to air quality due to construction and operational emissions resulting from the project. Impacts were evaluated for their significance based on the

[1] For CEQA purposes, the screening criteria can be used as quantitative methods to demonstrate that a project's total emissions would or would not result in a significant impact to air quality.

SDAPCD mass daily criteria air pollutant thresholds of significance (SDAPCD 2016).[2] Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. Criteria air pollutants include ozone (O_3), nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. Pollutants evaluated include volatile organic compounds (VOCs) (also referred to as reactive organic gases), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. VOCs and NO_x are important because they are precursors to O_3.

Air Quality Plan Consistency

If a proposed project involves development that is greater than that anticipated in the local plan and San Diego Association of Governments (SANDAG) growth projections, the project might be in conflict with the state implementation plan (SIP) and Regional Air Quality Strategy (RAQS) and may contribute to a potentially significant cumulative impact on air quality. The project was deemed to be consistent with the 2016 RAQS, which is the current air quality plan, because the project is consistent with the zoning designation and is anticipated in the local plan and SANDAG's growth projections.

Construction Criteria Air Pollutant Emissions

Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). The project's construction emissions were estimated using CalEEMod. Maximum daily construction emissions of VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ would not exceed SDAPCD's significance thresholds. Therefore, the project would have a less-than-significant impact during construction.

Operational Criteria Air Pollutant Emissions

The project would generate criteria pollutant emissions during operation from area, energy, and mobile sources. The emissions were estimated using CalEEMod and compared to SDAPCD's significance thresholds for operation. The project did not exceed the mass emissions significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ during operation. Therefore, the project would have a less-than-significant impact.

Cumulative Impacts

The nonattainment status of regional pollutants is a result of past and present development, and SDAPCD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality. As discussed above, the project would not exceed SDAPCD's mass daily significance thresholds during construction or operation; therefore, the project would have a less-than-significant cumulative impact.

[2] For CEQA purposes, the screening criteria can be used as quantitative methods to demonstrate that a project's total emissions would or would not result in a significant impact to air quality.

Exposure of Sensitive Receptors

Construction and operational activities would not generate emissions in excess of SDAPCD's mass daily thresholds; therefore, construction and operational impacts during construction of the project would be less than significant. In addition, diesel equipment would also be subject to the California Air Resources Board (CARB) Airborne Toxic Control Measures for in-use off-road diesel fleets, which would minimize diesel particulate matter emissions. The duration of proposed construction activities (approximately 26 months) would only constitute a small percentage of the total long-term exposure period and would not result in exposure of proximate sensitive receptors to substantial toxic air contaminants (TACs). After construction is complete, there would be no long-term source of TAC emissions during operation. The project would not expose sensitive receptors to valley fever and would comply with SDAPCD Rule 55 to help reduce impacts during grading/earth-moving activities. The health risk assessment for construction showed cancer and non-cancer risks below levels of significance with mitigation. The health risk assessment for Interstate 5 and State Route 76 on the future proposed residential receptors showed cancer and non-cancer risks less than SDAPCD thresholds with mitigation. The project would not negatively affect the level of service of intersections on the project site and would not significantly contribute to a CO hotspot. As such, potential project-generated impacts associated with CO hotspots would be less than significant.

Other Emissions

Potential odors produced during construction would be attributable to concentrations of unburned hydrocarbons from tailpipes of construction equipment, architectural coatings, and asphalt pavement application, which would disperse rapidly from the project site and generally occur at magnitudes that would not affect substantial numbers of people. Impacts associated with odors during construction would be less than significant. The project entails a mixed-use residential and commercial development and an associated parking structure, and would not result in the creation of a land use that is commonly associated with odors. Therefore, project operations would result in less-than-significant impacts to other emissions (such as those leading to odors).

Greenhouse Gas Emissions

This GHG emissions analysis evaluates the potential for the project to generate GHG emissions during construction and operation that may have a significant impact on the environment, and the potential for the project to conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing GHG emissions. Principal GHGs regulated under state and federal law includes carbon dioxide (CO_2), methane (CH_4), and nitrous oxide (N_2O). GHG emissions are measured in metric tons of CO_2 equivalent (MT CO_2e), which account for weighted global warming potential factors for CH_4 and N_2O. Estimated annual project-generated emissions at full buildout in 2024 from area, energy, mobile, solid waste, and water/wastewater emissions sources, as well as amortized construction emissions.

Potential to Generate Significant GHG Emissions

Construction of the project would result in GHG emissions primarily associated with the use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. Total project-generated GHG emissions during construction were estimated to be 2,884 MT CO_2e, or 96 MT CO_2e per year when amortized over 30 years.

The project would generate operational GHG emissions from area sources (landscape maintenance equipment), energy sources (natural gas and electricity consumption), mobile sources (vehicle trips), water supply and wastewater treatment, and solid waste. Estimated annual project-generated operational GHG emissions at buildout in 2024 plus amortized project construction emissions would be approximately 2,648 MT CO_2e per year. The project's service population, defined as the number of residents (866 persons) plus the number of jobs (25 persons) supported by the project, is 891 people. The project's service population is based on City of Oceanside's Housing Element, which estimates an average household size of 2.8 per dwelling unit. Based on the service population (SP) of 891 people, the project would result in GHG emissions of approximately 2.97 MT CO_2e/SP/yr. Thus, the project's estimated GHG emissions would not exceed the 3.6 MT CO_2e/SP/yr and the project's GHG emissions would be less than significant.

Consistency with Applicable GHG Reduction Plans

The project was shown to be consistent with SANDAG's Regional Plan, the City of Oceanside General Plan, and the goals of Senate Bill 32 and Executive Order S-3-05. Therefore, the project would not conflict with an applicable plan adopted for the purpose of reducing GHG emissions, and plan consistency impacts would be less than significant.

1 Introduction

1.1 Report Purpose and Scope

The purpose of this technical report is to assess the potential air quality and greenhouse gas (GHG) emissions impacts associated with implementation of the proposed Alta Oceanside Project (project). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.), and is based on the emissions-based significance thresholds recommended by the San Diego County Air Pollution Control District (SDAPCD) and other applicable thresholds of significance.

This introductory section provides a description of the project and the project location. Section 2, Air Quality, describes the air quality–related environmental setting, regulatory setting, existing air quality conditions, and thresholds of significance and analysis methodology, and presents an air quality impact analysis per Appendix G of the CEQA Guidelines. Section 3, Greenhouse Gas Emissions, follows the same format as Section 2 and similarly describes the GHG emissions-related environmental setting, regulatory setting, existing climate changes conditions, and thresholds of significance and analysis methodology, and presents a GHG emissions impact analysis per Appendix G of the CEQA Guidelines. Section 4, References Cited, includes a list of the references cited. Section 5, List of Preparers, includes a list of those who prepared this technical report.

1.2 Project Location

The project site is located in the northern portion of the City of Oceanside (City) in San Diego County, California. The 5.3-acre site is generally located west of Interstate 5, south of the San Luis Rey River, east of the San Luis Rey River Trail, and north of the State Route 76 western terminus. More specifically, the site is located at the southwest corner of the North Coast Highway and Costa Pacifica Way intersection, at 939, 1003, 1009, and 1015 North Coast Highway. Project location is shown in Figure 1 and the project site plan is shown in Figure 2.

1.3 Project Description

The project involves the construction of a mixed-use residential and commercial development, with demolition of the existing commercial uses on the site. The residential component would include 309 units comprised of one-, two-, and three-bedroom residences. These residential units would include 283 market-rate apartments and 26 affordable apartments. The commercial component would include approximately 5,422 square feet of restaurant, retail, and/or visitor uses on the ground floor along North Coast Highway. For this analysis, it was conservatively assumed the project may include up to 5,800 square feet of high-turnover restaurant space. The proposed building is a five-story (maximum 65-foot-tall) apartment/commercial building that would wrap around a five-level parking garage. The project would provide a minimum of 528 parking spaces to meet the peak shared parking demand for this mixed-use project, based on parking standards of the Oceanside Municipal Code, Oceanside Local Coastal Program and State Density Bonus law. Parking would be provided via a parking garage located in the central area of the site and within a surface lot in the southwest area of the site.

Supporting amenities would include recreational uses, open space, and a leasing office. The proposed recreational amenities include a library, clubhouse, fitness center, pool, and bicycle storage. The proposed open space would be located within three courtyards, a street-oriented pedestrian plaza, the roof deck, balconies, and patios, as well as along the site perimeter. The project would provide landscaping, including drought-tolerant species, along the site perimeter and within the exterior open space areas.

1.4 Project Design Features

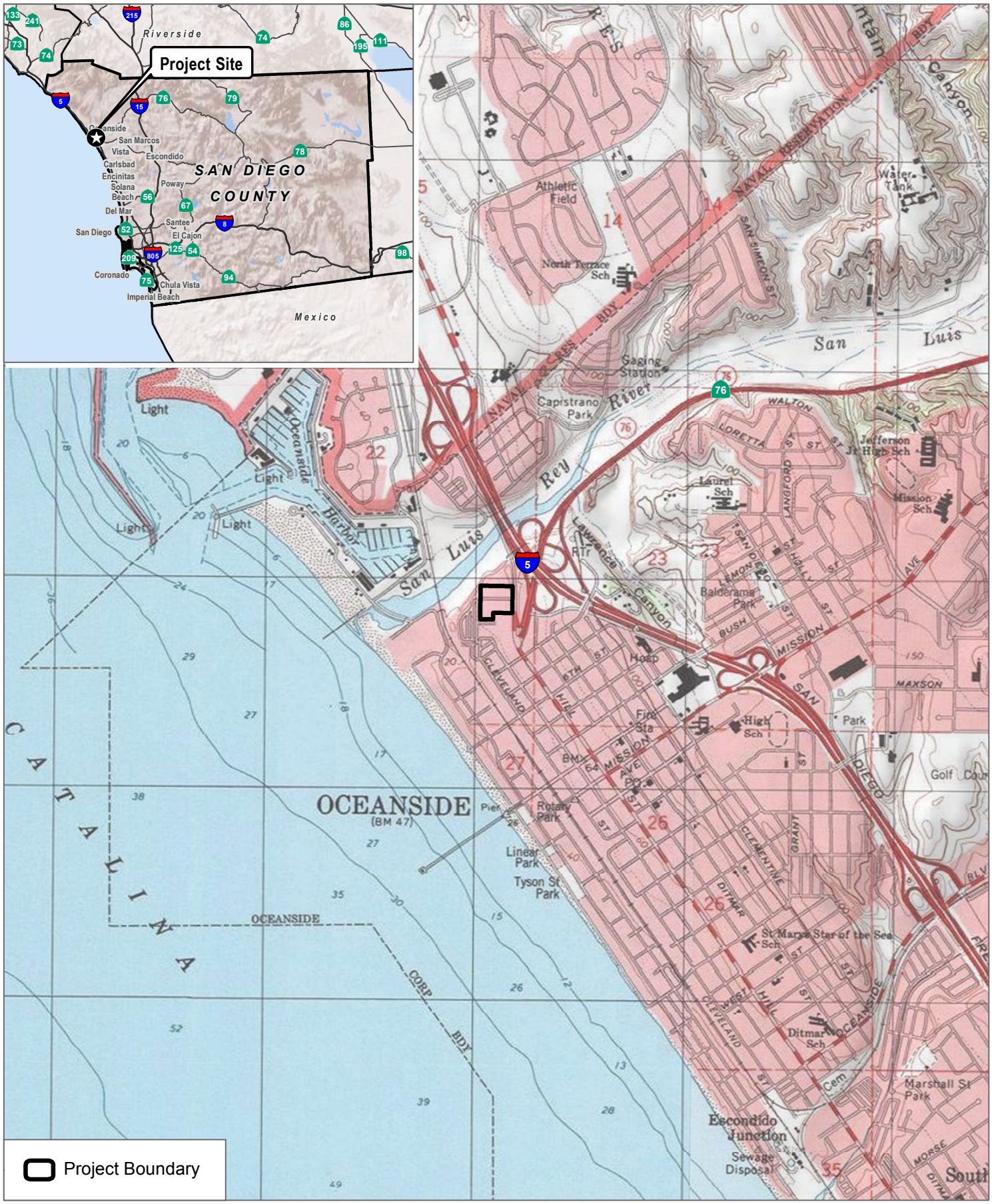
To reduce impacts to the extent feasible, the project would incorporate the project design features (PDFs) into the new development. **PDF-AQ/GHG-1** would reduce construction and operational emissions to the extent feasible:

a. Each residential unit and commercial tenant shall be provided a recycling bin slot in the trash enclosure areas for recycling.
b. The project shall install drought-tolerant vegetation and water-efficient irrigation systems.
c. The project shall install low-water use appliances and fixtures.
d. The project shall install Energy Star, or equivalent, dishwashers, clothes washers, refrigerators, and fans.
e. 90% of indoor and outdoor lighting shall be LED or other high-efficiency lightbulbs.
f. The project shall install bicycle parking facilities.
g. The project shall include traffic-calming measures that shall include marked crosswalks and raised median islands.

1.5 Dust Control Strategies

The project would include various construction dust control strategies as a PDF that would be subject to SDAPCD Rule 55. Compliance with these dust control measures would be identified on grading plan approvals. **PDF-AQ-1** provides for dust control strategies:

a. During clearing, grading, earth-moving, excavation, or transportation of cut or fill materials, water trucks or sprinkler systems shall be used to prevent dust from leaving the site and to create a crust after each day's activities cease.
b. During construction, water trucks or sprinkler systems shall be used to keep all areas of vehicle movement damp enough to prevent dust from leaving the site. At a minimum, this would include wetting down such areas later in the morning, after work is completed for the day, and whenever winds exceed 15 mph during active operations. Watering of active disturbance areas, including active grading areas and unpaved roads, would occur approximately every 2 hours of active operations, approximately three times per work day (at a minimum).
c. Speeds on unpaved roads shall be reduced to less than 15 miles per hour.
d. All grading and excavation operations shall be halted when wind speeds exceed 25 miles per hour.
e. Dirt and debris spilled onto paved surfaces at the project site and on the adjacent roadways shall be swept, vacuumed, and/or washed at the end of each workday.
f. All trucks hauling dirt, sand, soil, or other loose material to and from the construction site shall be covered and/or a minimum 2 feet of freeboard shall be maintained.



SOURCE: USGS 7.5-Minute Series Quadrangle

FIGURE 1

Project Location

Alta Oceanside Project Air Quality and Greenhouse Gas Emissions Analysis Technical Report

DUDEK

0 1,000 2,000 Feet

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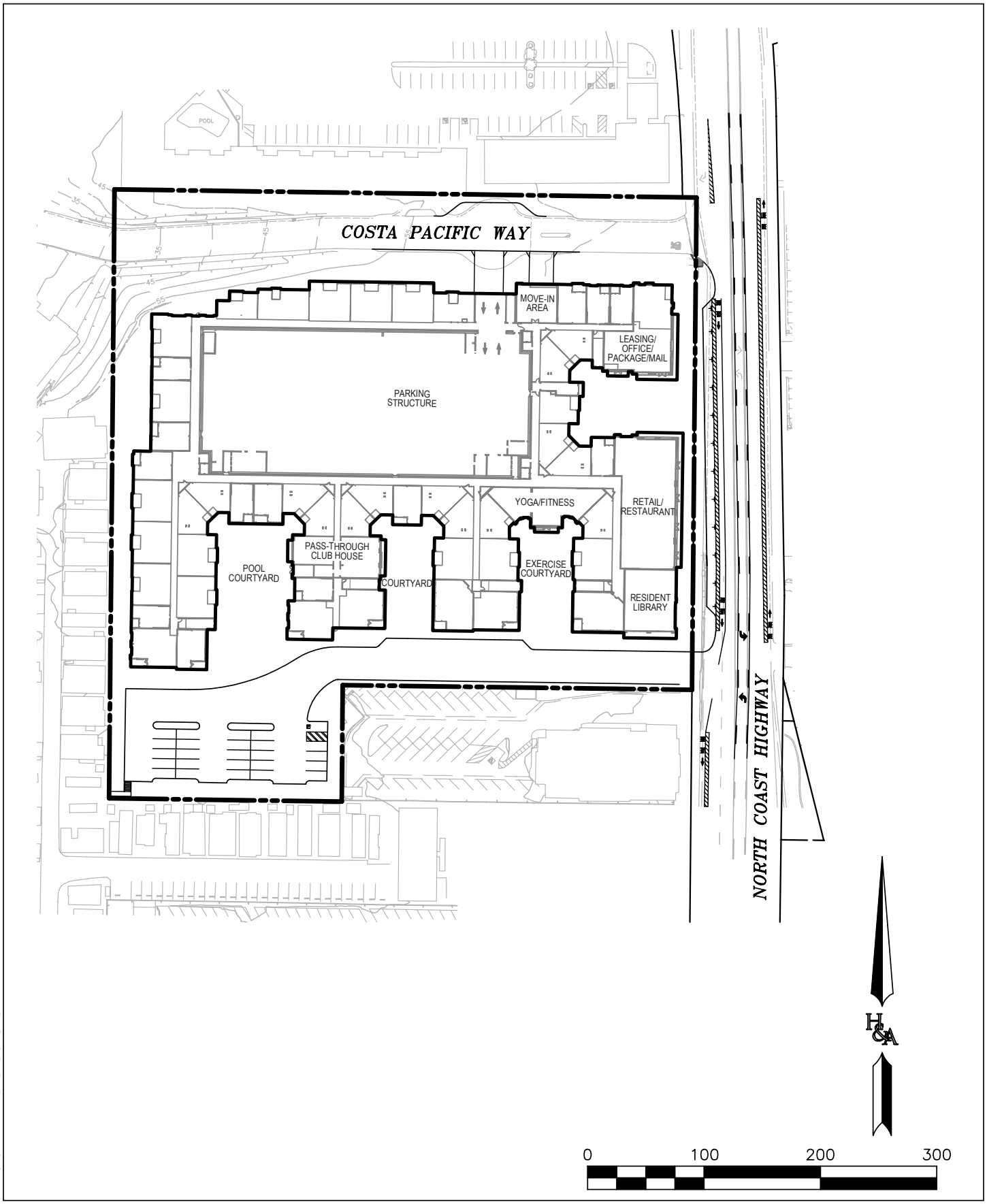

SOURCE: Architects Orange 2019

FIGURE 2

Site Plan

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2 Air Quality

2.1 Environmental Setting

The project area is located within the San Diego Air Basin (SDAB) and is subject to SDAPCD guidelines and regulations. The SDAB is one of 15 air basins that geographically divide California. The SDAB lies in the southwest corner of California, comprises the entire San Diego region, and covers approximately 4,260 square miles.

2.1.1 Climate and Meteorology

The primary factors that determine air quality are the locations of air pollutant sources and the amount of pollutants emitted. Meteorological and topographical conditions, however, are also important. Factors such as wind speed and direction, air temperature gradients and sunlight, and precipitation and humidity interact with physical landscape features to determine the movement and dispersal of air pollutants. Meteorological and topographical factors that affect air quality in the SDAB are described below.[3]

Regional Climate and Meteorological Conditions

The climate of the San Diego region, as in most of Southern California, is influenced by the strength and position of the semi-permanent high-pressure system over the Pacific Ocean, known as the Pacific High. This high-pressure ridge over the West Coast often creates a pattern of late-night and early-morning low clouds, hazy afternoon sunshine, daytime onshore breezes, and little temperature variation year-round. The SDAB is characterized as a Mediterranean climate with dry, warm summers and mild, occasionally wet winters. Average temperature ranges (in degrees Fahrenheit (°F)) from the mid-40s to the high 90s, with an average of 201 days warmer than 70°F. The SDAB experiences 9 to 13 inches of rainfall annually, with most of the region's precipitation falling from November through March, with infrequent (approximately 10%) precipitation during the summer. El Niño and La Niña patterns have large effects on the annual rainfall received in San Diego, where San Diego receives less than normal rainfall during La Niña years.

The interaction of ocean, land, and the Pacific High maintains clear skies for much of the year and influences the direction of prevailing winds (westerly to northwesterly). The winds tend to blow onshore in the day and offshore at night. Local terrain is often the dominant factor inland, and winds in inland mountainous areas tend to blow through the valleys during the day and down the hills and valleys at night.

The favorable climate of San Diego also works to create air pollution problems. Sinking, or subsiding, air from the Pacific High creates a temperature inversion known as a subsidence inversion, which acts as a "lid" to vertical dispersion of pollutants. Weak summertime pressure gradients further limit horizontal dispersion of pollutants in the mixed layer below the subsidence inversion. Poorly dispersed anthropogenic emissions combined with strong sunshine leads to photochemical reactions that result in the creation of ozone (O_3) at this surface layer. In addition, light winds during the summer further limit ventilation.

[3] The discussion of SDAB meteorological and topographical conditions is based on information provided in the SDAPCD 2016 Monitoring Plan (SDAPCD 2017a), the County of San Diego Guidelines for Determining Significance – Air Quality (County of San Diego 2007), the County of San Diego General Plan Update Environmental Impact Report (County of San Diego 2011), and the CARB Recommended Area Designation for the 2010 Federal Sulfur Dioxide Standard (CARB 2011).

In the fall months, the SDAB is often impacted by Santa Ana winds, which are the result of a high-pressure system over the Nevada and Utah regions that overcomes the westerly wind pattern and forces hot, dry winds from the east to the Pacific Ocean. The Santa Ana winds are powerful and can blow the SDAB's pollutants out to sea. However, a weak Santa Ana can transport air pollution from the South Coast Air Basin and greatly increase O_3 concentrations in the San Diego area.

Under certain conditions, atmospheric oscillation results in the offshore transport of air from the Los Angeles region to San Diego County. This often produces high O_3 concentrations, as measured at air pollutant monitoring stations within San Diego County. The transport of air pollutants from Los Angeles to San Diego can also occur within the stable layer of the elevated subsidence inversion, where high levels of O_3 are transported.

Site-Specific Meteorological Conditions

The local climate within the project area is characterized as semi-arid with consistently mild, warmer temperatures throughout the year. The average summertime high temperature in the region is approximately 67.6°F, with highs reaching 73.6°F on average during the months of July through September. The average wintertime low temperature is approximately 52.9°F, reaching as low as 44.2°F on average during the months of November through March. Average precipitation in the local area is approximately 10.54 inches per year, with the bulk of precipitation falling between November and March (WRCC 2016).

2.1.2 Pollutants and Effects

2.1.2.1 Criteria Air Pollutants

Criteria air pollutants are defined as pollutants for which the federal and state governments have established ambient air quality standards, or criteria, for outdoor concentrations to protect public health. The federal and state standards have been set, with an adequate margin of safety, at levels above which concentrations could be harmful to human health and welfare. These standards are designed to protect the most sensitive persons from illness or discomfort. Pollutants of concern include O_3, nitrogen dioxide (NO_2), carbon monoxide (CO), sulfur dioxide (SO_2), particulate matter with an aerodynamic diameter less than or equal to 10 microns (PM_{10}), particulate matter with an aerodynamic diameter less than or equal to 2.5 microns ($PM_{2.5}$), and lead. These pollutants, as well as toxic air contaminants (TACs), are discussed in the following paragraphs.[4] In California, sulfates, vinyl chloride, hydrogen sulfide, and visibility-reducing particles are also regulated as criteria air pollutants.

Ozone. O_3 is a strong-smelling, pale blue, reactive, toxic chemical gas consisting of three oxygen atoms. It is a secondary pollutant formed in the atmosphere by a photochemical process involving the sun's energy and O_3 precursors. These precursors are mainly oxides of nitrogen (NO_x) and volatile organic compounds (VOCs). The maximum effects of precursor emissions on O_3 concentrations usually occur several hours after they are emitted and many miles from the source. Meteorology and terrain play major roles in O_3 formation, and ideal conditions occur during summer and early autumn on days with low wind speeds or stagnant air, warm temperatures, and cloudless skies. O_3 exists in the upper atmosphere O_3 layer (stratospheric O_3) and at the Earth's surface in the

[4] The descriptions of each of the criteria air pollutants and associated health effects are based on the U.S. Environmental Protection Agency's (EPA) Criteria Air Pollutants (EPA 2018a) and the California Air Resources Board (CARB) Glossary of Air Pollutant Terms (CARB 2019a).

troposphere (ground-level O_3).[5] The O_3 that U.S. Environmental Protection Agency (EPA) and the California Air Resources Board (CARB) regulate as a criteria air pollutant is produced close to the ground level, where people live, exercise, and breathe. Ground-level O_3 is a harmful air pollutant that causes numerous adverse health effects and is thus considered "bad" O_3. Stratospheric, or "good," O_3 occurs naturally in the upper atmosphere, where it reduces the amount of ultraviolet light (i.e., solar radiation) entering the Earth's atmosphere. Without the protection of the beneficial stratospheric O_3 layer, plant and animal life would be seriously harmed.

O_3 in the troposphere causes numerous adverse health effects; short-term exposures (lasting for a few hours) to O_3 at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased susceptibility to infections, inflammation of the lung tissue, and some immunological changes (EPA 2013). These health problems are particularly acute in sensitive receptors such as the sick, the elderly, and young children.

Nitrogen Dioxide. NO_2 is a brownish, highly reactive gas that is present in all urban atmospheres. The major mechanism for the formation of NO_2 in the atmosphere is the oxidation of the primary air pollutant nitric oxide, which is a colorless, odorless gas. NO_x plays a major role, together with VOCs, in the atmospheric reactions that produce O_3. NO_x is formed from fuel combustion under high temperature or pressure. In addition, NO_x is an important precursor to acid rain and may affect both terrestrial and aquatic ecosystems. The two major emissions sources are transportation and stationary fuel combustion sources such as electric utility and industrial boilers.

NO_2 can irritate the lungs, cause bronchitis and pneumonia, and lower resistance to respiratory infections (EPA 2018b).

Carbon Monoxide. CO is a colorless, odorless gas formed by the incomplete combustion of hydrocarbon or fossil fuels. CO is emitted almost exclusively from motor vehicles, power plants, refineries, industrial boilers, ships, aircraft, and trains. In urban areas such as the project location, automobile exhaust accounts for the majority of CO emissions. CO is a nonreactive air pollutant that dissipates relatively quickly; therefore, ambient CO concentrations generally follow the spatial and temporal distributions of vehicular traffic. CO concentrations are influenced by local meteorological conditions—primarily wind speed, topography, and atmospheric stability. CO from motor vehicle exhaust can become locally concentrated when surface-based temperature inversions are combined with calm atmospheric conditions, which is a typical situation at dusk in urban areas from November to February. The highest levels of CO typically occur during the colder months of the year, when inversion conditions are more frequent.

In terms of adverse health effects, CO competes with oxygen, often replacing it in the blood, reducing the blood's ability to transport oxygen to vital organs. The results of excess CO exposure can include dizziness, fatigue, and impairment of central nervous system functions.

Sulfur Dioxide. SO_2 is a colorless, pungent gas formed primarily from incomplete combustion of sulfur-containing fossil fuels. The main sources of SO_2 are coal and oil used in power plants and industries; as such, the highest levels of SO_2 are generally found near large industrial complexes. In recent years, SO_2 concentrations have been reduced by the increasingly stringent controls placed on stationary source emissions of SO_2 and limits on the sulfur content of fuels.

[5] The troposphere is the layer of the Earth's atmosphere nearest to the surface of the Earth. The troposphere extends outward about 5 miles at the poles and about 10 miles at the equator.

SO_2 is an irritant gas that attacks the throat and lungs and can cause acute respiratory symptoms and diminished ventilator function in children. When combined with particulate matter, SO_2 can injure lung tissue and reduce visibility and the level of sunlight. SO_2 can also yellow plant leaves and erode iron and steel.

Particulate Matter*.* Particulate matter pollution consists of very small liquid and solid particles floating in the air, which can include smoke, soot, dust, salts, acids, and metals. Particulate matter can form when gases emitted from industries and motor vehicles undergo chemical reactions in the atmosphere. $PM_{2.5}$ and PM_{10} represent fractions of particulate matter. Coarse particulate matter (PM_{10}) consists of particulate matter that is 10 microns or less in diameter and is about 1/7 the thickness of a human hair. Major sources of PM_{10} include crushing or grinding operations; dust stirred up by vehicles traveling on roads; wood-burning stoves and fireplaces; dust from construction, landfills, and agriculture; wildfires and brush/waste burning; industrial sources; windblown dust from open lands; and atmospheric chemical and photochemical reactions. Fine particulate matter ($PM_{2.5}$) consists of particulate matter that is 2.5 microns or less in diameter and is roughly 1/28 the diameter of a human hair. $PM_{2.5}$ results from fuel combustion (e.g., from motor vehicles and power generation and industrial facilities), residential fireplaces, and woodstoves. In addition, $PM_{2.5}$ can be formed in the atmosphere from gases such as sulfur oxides (SO_x), NO_x, and VOCs.

$PM_{2.5}$ and PM_{10} pose a greater health risk than larger-size particles. When inhaled, these tiny particles can penetrate the human respiratory system's natural defenses and damage the respiratory tract. $PM_{2.5}$ and PM_{10} can increase the number and severity of asthma attacks, cause or aggravate bronchitis and other lung diseases, and reduce the body's ability to fight infections. Very small particles of substances such as lead, sulfates, and nitrates can cause lung damage directly or be absorbed into the blood stream, causing damage elsewhere in the body. Additionally, these substances can transport adsorbed gases such as chlorides or ammonium into the lungs, also causing injury. PM_{10} tends to collect in the upper portion of the respiratory system; whereas, $PM_{2.5}$ is so tiny that it can penetrate deeper into the lungs and damage lung tissue. Suspended particulates also damage and discolor surfaces on which they settle and produce haze and reduce regional visibility.

People with influenza, people with chronic respiratory and cardiovascular diseases, and the elderly may suffer worsening illness and premature death as a result of breathing particulate matter. People with bronchitis can expect aggravated symptoms from breathing in particulate matter. Children may experience a decline in lung function due to breathing in PM_{10} and $PM_{2.5}$ (EPA 2009).

Lead. Lead in the atmosphere occurs as particulate matter. Sources of lead include leaded gasoline; the manufacturing of batteries, paints, ink, ceramics, and ammunition; and secondary lead smelters. Prior to 1978, mobile emissions were the primary source of atmospheric lead. Between 1978 and 1987, the phaseout of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phaseout of leaded gasoline, secondary lead smelters, battery recycling, and manufacturing facilities are becoming lead-emissions sources of greater concern.

Prolonged exposure to atmospheric lead poses a serious threat to human health. Health effects associated with exposure to lead include gastrointestinal disturbances, anemia, kidney disease, and, in severe cases, neuromuscular and neurological dysfunction. Of particular concern are low-level lead exposures during infancy and childhood. Such exposures are associated with decrements in neurobehavioral performance, including intelligence quotient performance, psychomotor performance, reaction time, and growth. Children are highly susceptible to the effects of lead.

Sulfates. Sulfates are the fully oxidized form of sulfur, which typically occur in combination with metals or hydrogen ions. Sulfates are produced from reactions of SO_2 in the atmosphere. Sulfates can result in respiratory impairment, as well as reduced visibility.

Vinyl Chloride. Vinyl chloride is a colorless gas with a mild, sweet odor, which has been detected near landfills, sewage plants, and hazardous waste sites, due to the microbial breakdown of chlorinated solvents. Short-term exposure to high levels of vinyl chloride in air can cause nervous system effects, such as dizziness, drowsiness, and headaches. Long-term exposure through inhalation can cause liver damage, including liver cancer.

Hydrogen Sulfide. Hydrogen sulfide is a colorless and flammable gas that has a characteristic odor of rotten eggs. Sources of hydrogen sulfide include geothermal power plants, petroleum refineries, sewers, and sewage treatment plants. Exposure to hydrogen sulfide can result in nuisance odors, as well as headaches and breathing difficulties at higher concentrations.

Visibility-Reducing Particles. Visibility-reducing particles are any particles in the air that obstruct the range of visibility. Effects of reduced visibility can include obscuring the viewshed of natural scenery, reducing airport safety, and discouraging tourism. Sources of visibility-reducing particles are the same as for $PM_{2.5}$ described above.

Volatile Organic Compounds. Hydrocarbons are organic gases that are formed from hydrogen and carbon and sometimes other elements. Hydrocarbons that contribute to formation of O_3 are referred to and regulated as VOCs (also referred to as reactive organic gases). Combustion engine exhaust, oil refineries, and fossil-fueled power plants are the sources of hydrocarbons. Other sources of hydrocarbons include evaporation from petroleum fuels, solvents, dry cleaning solutions, and paint.

The primary health effects of VOCs result from the formation of O_3 and its related health effects. High levels of VOCs in the atmosphere can interfere with oxygen intake by reducing the amount of available oxygen through displacement. Carcinogenic forms of hydrocarbons, such as benzene, are considered TACs. There are no separate health standards for VOCs as a group.

2.1.2.2 Non-Criteria Air Pollutants

Toxic Air Contaminants. A substance is considered toxic if it has the potential to cause adverse health effects in humans, including increasing the risk of cancer upon exposure, or acute and/or chronic non-cancer health effects. A toxic substance released into the air is considered a TAC. TACs are identified by federal and state agencies based on a review of available scientific evidence. In the State of California, TACs are identified through a two-step process that was established in 1983 under the Toxic Air Contaminant Identification and Control Act. This two-step process of risk identification and risk management and reduction was designed to protect residents from the health effects of toxic substances in the air. In addition, the California Air Toxics "Hot Spots" Information and Assessment Act, Assembly Bill (AB) 2588, was enacted by the legislature in 1987 to address public concern over the release of TACs into the atmosphere. The law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years.

Examples include certain aromatic and chlorinated hydrocarbons, certain metals, and asbestos. TACs are generated by a number of sources, including stationary sources such as dry cleaners, gas stations, combustion sources, and laboratories; mobile sources such as automobiles; and area sources such as landfills. Adverse

health effects associated with exposure to TACs may include carcinogenic (i.e., cancer-causing) and noncarcinogenic effects. Noncarcinogenic effects typically affect one or more target organ systems and may be experienced on either short-term (acute) or long-term (chronic) exposure to a given TAC.

Diesel Particulate Matter. Diesel particulate matter (DPM) is part of a complex mixture that makes up diesel exhaust. Diesel exhaust is composed of two phases, gas and particle, both of which contribute to health risks. More than 90% of DPM is less than 1 micrometer in diameter (about 1/70th the diameter of a human hair), and thus is a subset of $PM_{2.5}$ (CARB 2019b). DPM is typically composed of carbon particles ("soot," also called black carbon, or BC) and numerous organic compounds, including over 40 known cancer-causing organic substances. Examples of these chemicals include polycyclic aromatic hydrocarbons, benzene, formaldehyde, acetaldehyde, acrolein, and 1,3-butadiene (CARB 2019b). CARB classified "particulate emissions from diesel-fueled engines" (i.e., DPM; 17 CCR 93000) as a TAC in August 1998. DPM is emitted from a broad range of diesel engines: on-road diesel engines of trucks, buses, and cars, and off-road diesel engines, including locomotives, marine vessels, and heavy-duty construction equipment, among others. Approximately 70% of all airborne cancer risk in California is associated with DPM (CARB 2000). To reduce the cancer risk associated with DPM, CARB adopted a diesel risk reduction plan in 2000 (CARB 2000). Because it is part of $PM_{2.5}$, DPM also contributes to the same non-cancer health effects as $PM_{2.5}$ exposure. These effects include premature death; hospitalizations and emergency department visits for exacerbated chronic heart and lung disease, including asthma; increased respiratory symptoms; and decreased lung function in children. Several studies suggest that exposure to DPM may also facilitate development of new allergies (CARB 2019b). Those most vulnerable to non-cancer health effects are children whose lungs are still developing and the elderly who often have chronic health problems.

Odorous Compounds. Odors are generally regarded as an annoyance rather than a health hazard. Manifestations of a person's reaction to odors can range from psychological (e.g., irritation, anger, or anxiety) to physiological (e.g., circulatory and respiratory effects, nausea, vomiting, and headache). The ability to detect odors varies considerably among the population and overall is subjective. People may have different reactions to the same odor. An odor that is offensive to one person may be perfectly acceptable to another (e.g., coffee roaster). An unfamiliar odor is more easily detected and is more likely to cause complaints than a familiar one. Known as odor fatigue, a person can become desensitized to almost any odor, and recognition may only occur with an alteration in the intensity. The occurrence and severity of odor impacts depend on the nature, frequency, and intensity of the source; wind speed and direction; and the sensitivity of receptors.

Valley Fever. Coccidioidomycosis, more commonly known as "valley fever," is an infection caused by inhalation of the spores of the *Coccidioides immitis* fungus, which grows in the soils of the southwestern United States. When fungal spores are present, any activity that disturbs the soil, such as digging, grading, or other earth-moving operations, can cause the spores to become airborne and thereby increase the risk of exposure. The ecologic factors that appear to be most conducive to survival and replication of the spores are high summer temperatures, mild winters, sparse rainfall, and alkaline sandy soils.

San Diego County is not considered a highly endemic region for valley fever as the San Diego County Health and Human Services Agency listed as having 4.5 cases per 100,000 people. The project site is located within the 92054 zip code; the incidence of Coccidioidomycosis is 4.1 cases per 100,000 people (Nelson, pers. comm. 2018). For comparison, statewide incidences in 2016 were 13.7 per 100,000 people (CDPH 2017).

Even if present at a site, earth-moving activities may not result in increased incidence of valley fever. Propagation of *Coccidioides immitis* is dependent on climatic conditions, with the potential for growth and surface exposure highest following early seasonal rains and long dry spells. *Coccidioides immitis* spores can be released when filaments are disturbed by earth-moving activities, although receptors must be exposed to and inhale the spores to be at increased risk of developing valley fever. Moreover, exposure to *Coccidioides immitis* does not guarantee that an individual will become ill—approximately 60% of people exposed to the fungal spores are asymptomatic and show no signs of an infection (USGS 2000).

2.1.3 Sensitive Receptors

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 include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (CARB 2005). The SDAPCD identifies sensitive receptors as those who are especially susceptible to adverse health effects from exposure to toxic air contaminants, such as children, the elderly, and the ill. Sensitive receptors include schools (grades Kindergarten through 12), day care centers, nursing homes, retirement homes, health clinics, and hospitals within 2 kilometers of the facility (SDAPCD 2015).

The closest sensitive receptors (mobile homes) are located adjacent to the west and south boundary of the project site.

2.2 Regulatory Setting

2.2.1 Federal Regulations

2.2.1.1 Criteria Air Pollutants

The federal Clean Air Act, passed in 1970 and last amended in 1990, forms the basis for the national air pollution control effort. The EPA is responsible for implementing most aspects of the Clean Air Act, including setting National Ambient Air Quality Standards (NAAQS) for major air pollutants; setting hazardous air pollutant (HAP) standards; approving state attainment plans; setting motor vehicle emission standards; issuing stationary source emission standards and permits; and establishing acid rain control measures, stratospheric O_3 protection measures, and enforcement provisions. Under the Clean Air Act, NAAQS are established for the following criteria pollutants: O_3, CO, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and lead.

The NAAQS describe acceptable air quality conditions designed to protect the health and welfare of the citizens of the nation. The NAAQS (other than for O_3, NO_2, SO_2, PM_{10}, $PM_{2.5}$, and those based on annual averages or arithmetic mean) are not to be exceeded more than once per year. NAAQS for O_3, NO_2, SO_2, PM_{10}, and $PM_{2.5}$ are based on statistical calculations over 1- to 3-year periods, depending on the pollutant. The Clean Air Act requires the EPA to reassess the NAAQS at least every 5 years to determine whether adopted standards are adequate to protect public health based on current scientific evidence. States with areas that exceed the NAAQS must prepare a state implementation plan (SIP) that demonstrates how those areas will attain the NAAQS within mandated time frames.

2.2.1.2 Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required the EPA to identify National Emission Standards for Hazardous Air Pollutants to protect public health and welfare. HAPs include certain volatile organic chemicals, pesticides, herbicides, and radionuclides that present a tangible hazard, based on scientific studies of exposure to humans and other mammals. Under the 1990 federal Clean Air Act Amendments, which expanded the control program for HAPs, 189 substances and chemical families were identified as HAPs.

2.2.2 State Regulations

2.2.2.1 Criteria Air Pollutants

The federal Clean Air Act delegates the regulation of air pollution control and the enforcement of the NAAQS to the states. In California, the task of air quality management and regulation has been legislatively granted to CARB, with subsidiary responsibilities assigned to air quality management districts and air pollution control districts at the regional and county levels. CARB, which became part of the California Environmental Protection Agency in 1991, is responsible for ensuring implementation of the California Clean Air Act of 1988, responding to the federal Clean Air Act, and regulating emissions from motor vehicles and consumer products.

CARB has established California Ambient Air Quality Standards (CAAQS), which are generally more restrictive than the NAAQS. As stated previously, an ambient air quality standard defines the maximum amount of a pollutant averaged over a specified period of time that can be present in outdoor air without harm to the public's health. For each pollutant, concentrations must be below the relevant CAAQS before a basin can attain the corresponding CAAQS. Air quality is considered "in attainment" if pollutant levels are continuously below the CAAQS and violate the standards no more than once each year. The CAAQS for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, PM_{10}, and $PM_{2.5}$ and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded.

California air districts have based their thresholds of significance for CEQA purposes on the levels that scientific and factual data demonstrate that the air basin can accommodate without affecting the attainment date for the NAAQS or CAAQS. Since an ambient air quality standard is based on maximum pollutant levels in outdoor air that would not harm the public's health, and air district thresholds pertain to attainment of the ambient air quality standard, this means that the thresholds established by air districts are also protective of human health. The NAAQS and CAAQS are presented in Table 1.

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	*Primary*[c,d]	*Secondary*[c,e]
O_3	1 hour	0.09 ppm (180 μg/m³)	—	Same as Primary Standard[f]
	8 hours	0.070 ppm (137 μg/m³)	0.070 ppm (137 μg/m³)[f]	
NO_2[g]	1 hour	0.18 ppm (339 μg/m³)	0.100 ppm (188 μg/m³)	Same as Primary

Table 1. Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	*Primary*[c,d]	*Secondary*[c,e]
	Annual Arithmetic Mean	0.030 ppm (57 μg/m³)	0.053 ppm (100 μg/m³)	Standard
CO	1 hour	20 ppm (23 mg/m³)	35 ppm (40 mg/m³)	None
	8 hours	9.0 ppm (10 mg/m³)	9 ppm (10 mg/m³)	
SO_2[h]	1 hour	0.25 ppm (655 μg/m³)	0.075 ppm (196 μg/m³)	—
	3 hours	—	—	0.5 ppm (1,300 μg/m³)
	24 hours	0.04 ppm (105 μg/m³)	0.14 ppm (for certain areas)[g]	—
	Annual	—	0.030 ppm (for certain areas)[g]	—
PM_{10}[i]	24 hours	50 μg/m³	150 μg/m³	Same as Primary Standard
	Annual Arithmetic Mean	20 μg/m³	—	
$PM_{2.5}$[i]	24 hours	—	35 μg/m³	Same as Primary Standard
	Annual Arithmetic Mean	12 μg/m³	12.0 μg/m³	15.0 μg/m³
Lead[j,k]	30-day Average	1.5 μg/m³	—	—
	Calendar Quarter	—	1.5 μg/m³ (for certain areas)[k]	Same as Primary Standard
	Rolling 3-Month Average	—	0.15 μg/m³	
Hydrogen sulfide	1 hour	0.03 ppm (42 μg/m³)	—	—
Vinyl chloride[j]	24 hours	0.01 ppm (26 μg/m³)	—	—
Sulfates	24- hours	25 μg/m³	—	—
Visibility reducing particles	8 hour (10:00 a.m. to 6:00 p.m. PST)	Insufficient amount to produce an extinction coefficient of 0.23 per kilometer due to the number of particles when the relative humidity is less than 70%	—	—

Source: CARB 2018a.

Notes: O_3 = ozone; ppm = parts per million by volume; μg/m³ = micrograms per cubic meter; mg/m³= milligrams per cubic meter; NO_2 = nitrogen dioxide; CO = carbon monoxide; SO_2 = sulfur dioxide; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; $PM_{2.5}$ = particulate matter with an aerodynamic diameter less than or equal to 2.5 microns.

a California standards for O_3, CO, SO_2 (1-hour and 24-hour), NO_2, suspended particulate matter (PM_{10}, $PM_{2.5}$), and visibility-reducing particles are values that are not to be exceeded. All others are not to be equaled or exceeded. CAAQS are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.

b National standards (other than O_3, NO_2, SO_2, particulate matter, and those based on annual averages or annual arithmetic mean) are not to be exceeded more than once per year. The O_3 standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over 3 years, is equal to or less than the standard. For PM_{10}, the 24-hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above

150 μg/m³ is equal to or less than 1. For $PM_{2.5}$, the 24-hour standard is attained when 98% of the daily concentrations, averaged over 3 years, are equal to or less than the standard.

[c] Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based on a reference temperature of 25°C and a reference pressure of 760 torr. Most measurements of air quality are to be corrected to a reference temperature of 25°C and a reference pressure of 760 torr; ppm in this table refers to ppm by volume, or micromoles of pollutant per mole of gas.

[d] National Primary Standards: The levels of air quality necessary, with an adequate margin of safety, to protect the public health.

[e] National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.

[f] On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm.

[g] To attain the national 1-hour standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 parts per billion (ppb). Note that the national 1-hour standard is in units of ppb. California standards are in units of ppm. To directly compare the national 1-hour standard to the California standards, the units can be converted from ppb to ppm. In this case, the national standard of 100 ppb is identical to 0.100 ppm.

[h] On June 2, 2010, a new 1-hour SO_2 standard was established, and the existing 24-hour and annual primary standards were revoked. To attain the national 1-hour standard, the 3-year average of the annual 99th percentile of the 1-hour daily maximum concentrations at each site must not exceed 75 ppb. The 1971 SO_2 national standards (24-hour and annual) remain in effect until 1 year after an area is designated for the 2010 standard, except that in areas designated nonattainment of the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

[i] On December 14, 2012, the national annual $PM_{2.5}$ primary standard was lowered from 15 μg/m³ to 12.0 μg/m³. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 μg/m³, as was the annual secondary standard of 15 μg/m³. The existing 24-hour PM_{10} standards (primary and secondary) of 150 μg/m³ were also retained. The form of the annual primary and secondary standards is the annual mean averaged over 3 years.

[j] CARB has identified lead and vinyl chloride as TACs with no threshold level of exposure for adverse health effects determined. These actions allow for the implementation of control measures at levels below the ambient concentrations specified for these pollutants.

[k] The national standard for lead was revised on October 15, 2008, to a rolling 3-month average. The 1978 lead standard (1.5 μg/m³ as a quarterly average) remains in effect until 1 year after an area is designated for the 2008 standard, except that in areas designated nonattainment for the 1978 standard, the 1978 standard remains in effect until implementation plans to attain or maintain the 2008 standard are approved.

2.2.2.2 Toxic Air Contaminants

The state Air Toxics Program was established in 1983 under AB 1807 (Tanner). The California TAC list identifies more than 700 pollutants, of which carcinogenic and noncarcinogenic toxicity criteria have been established for a subset of these pollutants pursuant to the California Health and Safety Code. In accordance with AB 2728, the state list includes the (federal) HAPs. In 1987, the Legislature enacted the Air Toxics "Hot Spots" Information and Assessment Act of 1987 (AB 2588) to address public concern over the release of TACs into the atmosphere. AB 2588 law requires facilities emitting toxic substances to provide local air pollution control districts with information that will allow an assessment of the air toxics problem, identification of air toxics emissions sources, location of resulting hotspots, notification of the public exposed to significant risk, and development of effective strategies to reduce potential risks to the public over 5 years. TAC emissions from individual facilities are quantified and prioritized. "High-priority" facilities are required to perform a health risk assessment, and if specific thresholds are exceeded, the facility operator is required to communicate the results to the public in the form of notices and public meetings.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines (CARB 2000). The regulation is anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, the On-Road Heavy Duty (New) Vehicle Program, the In-Use Off-Road Diesel Vehicle Regulation, and the New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel-powered equipment. There are several Airborne Toxic Control Measures that reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

California Health and Safety Code Section 41700

Section 41700 of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other materials that cause injury, detriment, nuisance, or annoyance to any considerable number of persons or to the public; or that endanger the comfort, repose, health, or safety of any of those persons or the public; or that cause, or have a natural tendency to cause, injury or damage to business or property. This section also applies to sources of objectionable odors.

2.2.3 Local Regulations

2.2.3.1 San Diego Air Pollution Control District

The SDAPCD is the regional agency responsible for the regulation and enforcement of federal regulations. CARB is responsible for the regulation of mobile emissions sources within the state, local air quality management districts and air pollution control districts are responsible for enforcing standards and regulating stationary sources. The project area is located within the SDAB and is subject to the guidelines and regulations of the SDAPCD.

Federal Attainment Plans

In December 2016, the SDAPCD adopted an update to the Eight-Hour Ozone Attainment Plan for San Diego County (2008 O_3 NAAQS). The 2016 Eight-Hour Ozone Attainment Plan for San Diego County indicates that local controls and state programs would allow the region to reach attainment of the federal 8-hour O_3 standard (1997 O_3 NAAQS) by 2018 (SDAPCD 2016a). In this plan, SDAPCD relies on the Regional Air Quality Strategy (RAQS) to demonstrate how the region will comply with the federal O_3 standard. The RAQS details how the region will manage and reduce O_3 precursors (NOx and VOCs) by identifying measures and regulations intended to reduce these pollutants. The control measures identified in the RAQS generally focus on stationary sources; however, the emissions inventories and projections in the RAQS address all potential sources, including those under the authority of CARB and the EPA. Incentive programs for reduction of emissions from heavy-duty diesel vehicles, off-road equipment, and school buses are also established in the RAQS.

As documented in the 2016 8-Hour Ozone Attainment Plan for San Diego County, the County has a likely chance of obtaining attainment due to the transition to low emission cars, stricter new source review rules, and continuing the requirement of general conformity for military growth and the San Diego International Airport. The County will also continue emission control measures including ongoing implementation of existing regulations in ozone precursor reduction to stationary and area-wide sources, subsequent inspections of facilities and sources, and the adoption of laws requiring Best Available Retrofit Control Technology for control of emissions (SDAPCD 2016a).

State Attainment Plans

SDAPCD and SANDAG are responsible for developing and implementing the clean air plan for attainment and maintenance of the ambient air quality standards in the SDAB. The RAQS for the SDAB was initially adopted in 1991 and is updated on a triennial basis, most recently in 2016 (SDAPCD 2016a). The RAQS outlines SDAPCD's plans and control measures designed to attain the state air quality standards for O_3. The RAQS relies on information from CARB and SANDAG, including mobile and area source emissions, as well as information regarding projected growth in the County and the cities in the county, to forecast future emissions and then

determine from that 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 the development of their general plans (SANDAG 2017, 2011).

In December 2016, SDAPCD adopted the revised RAQS for the County. Since 2007, the San Diego region reduced daily VOC emissions and NO_x emissions by 3.9% and 7.0% respectively; SDAPCD expects to continue reductions through 2035 (SDAPCD 2016). These reductions were achieved through implementation of six VOC control measures and three NO_x control measures adopted in SDAPCD's 2009 RAQS (SDAPCD 2009a); in addition, SDAPCD is considering additional measures, including three VOC measures and four control measures to reduce 0.3 daily tons of VOC and 1.2 daily tons of NO_x, provided they are found to be feasible region-wide. In addition, SDAPCD has implemented nine incentive-based programs, has worked with SANDAG to implement regional transportation control measures, and has reaffirmed the state emission offset repeal.

In regards to particulate matter emissions reduction efforts, in December 2005, SDAPCD prepared a report titled "Measures to Reduce Particulate Matter in San Diego County" to address implementation of Senate Bill (SB) 656 in San Diego County (SB 656 required additional controls to reduce ambient concentrations of PM_{10} and $PM_{2.5}$) (SDAPCD 2005). In the report, SDAPCD evaluated implementation of source-control measures that would reduce particulate matter emissions associated with residential wood combustion; various construction activities including earth-moving, demolition, and grading; bulk material storage and handling; carryout and trackout removal and cleanup methods; inactive disturbed land; disturbed open areas; unpaved parking lots/staging areas; unpaved roads; and windblown dust (SDAPCD 2005).

SDAPCD Rules and Regulations

As stated above, SDAPCD is responsible for planning, implementing, and enforcing federal and state ambient standards in the SDAB. The following rules and regulations apply to all sources in the jurisdiction of SDAPCD, and would apply to the project.

SDAPCD Regulation IV: Prohibitions; Rule 50: Visible Emissions. Prohibits discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than 3 minutes in any period of 60 consecutive minutes that is darker in shade than that designated as Number 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or of such opacity as to obscure an observer's view to a degree greater than does smoke of a shade designated as Number 1 on the Ringelmann Chart (SDAPCD 1997).

SDAPCD Regulation IV: Prohibitions; Rule 51: Nuisance. Prohibits the discharge, from any source, of such quantities of air contaminants or other materials that cause or have a tendency to cause injury, detriment, nuisance, annoyance to people and/or the public, or damage to any business or property (SDAPCD 1976).

SDAPCD Regulation IV: Prohibitions; Rule 55: Fugitive Dust. Regulates fugitive dust emissions from any commercial construction or demolition activity capable of generating fugitive dust emissions, including active operations, open storage piles, and inactive disturbed areas, as well as track-out and carry-out onto paved roads beyond a project site (SDAPCD 2009b).

SDAPCD Regulation IV: Prohibitions; Rule 67.0.1: Architectural Coatings. 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).

SDAPCD Regulation XII: Toxic Air Contaminates; Rule 1200: Toxic Air Contaminants – New Source Review. Requires new or modified stationary source units with the potential to emit TACs above rule threshold levels to either demonstrate that they will not increase the maximum incremental cancer risk above 1 in 1 million at every receptor location, or demonstrate that toxics best available control technology (T-BACT) will be employed if maximum incremental cancer risk is equal to or less than 10 in 1 million, or demonstrate compliance with SDAPCD's protocol for those sources with an increase in maximum incremental cancer risk at any receptor location of greater than 10 in 1 million but less than 100 in 1 million (SDAPCD 2017b).

SDAPCD Regulation XII: Toxic Air Contaminates; Rule 1210: Toxic Air Contaminant Public Health Risks – Public Notification and Risk Reduction. Requires each stationary source that is required to prepare a public risk assessment to provide written public notice of risks at or above the following levels: maximum incremental cancer risks equal to or greater than 10 in 1 million, or cancer burden equal to or greater than 1.0, or total acute non-cancer health hazard index equal to or greater than 1.0, or total chronic non-cancer health hazard index equal to or greater than 1.0 (SDAPCD 2017c).

2.2.3.2 San Diego Association of Governments

SANDAG is the regional planning agency for San Diego County and serves as a forum for regional issues relating to transportation, the economy, community development, and the environment. SANDAG serves as the federally designated metropolitan planning organization (MPO) for San Diego County. With respect to air quality planning and other regional issues, SANDAG has prepared San Diego Forward: The Regional Plan (Regional Plan) for the San Diego region (SANDAG 2015). The Regional Plan combines the big-picture vision for how the San Diego region will grow over the next 35 years with an implementation program to help make that vision a reality. The Regional Plan, including its Sustainable Communities Strategy (SCS), is built on an integrated set of public policies, strategies, and investments to maintain, manage, and improve the transportation system so that it meets the diverse needs of the San Diego region through 2050.

In regard to air quality, the Regional Plan sets the policy context in which SANDAG participates and responds to the air district's air quality plans and builds off the air district's air quality plan processes that are designed to meet health-based criteria pollutant standards in several ways (SANDAG 2015). First, it complements air quality plans by providing guidance and incentives for public agencies to consider best practices that support the technology-based control measures in air quality plans. Second, the Regional Plan emphasizes the need for better coordination of land use and transportation planning, which heavily influences the emissions inventory from the transportation sectors of the economy. This also minimizes land use conflicts, such as residential development near freeways, industrial areas, or other sources of air pollution.

On September 23, 2016, SANDAG's Board of Directors adopted the final 2016 Regional Transportation Improvement Program (RTIP). The 2016 RTIP is a multi-billion dollar, multi-year program of projects for major transportation projects in the San Diego region. Transportation projects supported through federal, state, and TransNet (the San Diego transportation sales tax program) funds must be included in an approved RTIP. The programming of locally funded projects also may be programmed at the discretion of the agency. The 2016 RTIP covers five fiscal years and incrementally implements the Regional Plan (SANDAG 2016).

2.2.3.3 City of Oceanside

The City of Oceanside General Plan includes various policies related to improving air quality (both directly and indirectly) (City of Oceanside 2002). Applicable policies include the following.

Land Use Element

Bicycle Facilities

Policy A: Development shall provide Class II Bikeways (Bike Lanes) on all secondary, major, and prime arterials.

Policy B: Collector streets which function as links for Bicycle Circulation System shall require Class II Bikeways (Bike Lanes). In such cases the City shall reduce hazards to cyclists on collector streets by eliminating on-street parking.

Policy D: The use of land shall integrate the Bicycle Circulation System with auto, pedestrian, and transit systems:

1. Development shall provide short-term bicycle parking and long-term bicycle storage facilities such as bicycle racks, pedestal posts, and rental bicycle lockers.
2. Development shall provide safe and convenient bicycle access to high activity land uses, such as schools, parks, shopping, employment, and entertainment centers.

Pedestrian

Policy A: The construction of five (5) foot wide sidewalks adjacent to the curb shall be required in all new developments and street improvements.

Transit System

Policy A: The City shall coordinate and encourage the existing bus system to serve newly developed areas.

Policy B: The City shall investigate the responsibilities of development in providing necessary on-site and off-site bus system improvements including bus shelters within new commercial, residential, and industrial developments.

Energy

Policy A: The City shall encourage the design, installation, and use of passive and active solar collection systems.

Policy B: The City shall encourage the use of energy efficient design, structures, materials, and equipment in all land developments or uses.

Policy C: The City shall encourage the use of long-term lower cost energy sources.

Grading and Excavation

Policy A: Investigation and evaluation of affected areas will indicate the measures to be included, such as the following measures:

1. Keep Grading to a minimum; leave vegetation and soils undisturbed wherever possible.
2. Plant bare slopes and cleared areas with appropriate vegetation immediately after grading.

3. Chemically treat soils to increase and resistance to erosion.
4. Install retaining structures where appropriate.
5. Construct drainage systems to direct and control rate of surface runoff.
6. Construct silt traps and settling basins in drainage systems.
7. Construct weirs and check dams on streams.

Circulation Element

Transportation Demand Management

The City shall:

- Policy A: Encourage the reduction of vehicle miles, reduction of the total number of daily and peak hour vehicle trips, and provide better utilization of the circulation system through development and implementation of Transportation Demand Management and Transportation System Management programs. These may include implementation of mandatory peak-hour trip reduction, requirements for staggered work hours, telecommunication, increased development of employment centers where transit usage is highly viable, encouragement of ride sharing in the public and private sector, provision of park-and-ride facilities adjacent to the regional transportation system, and provision for transit subsidies.
- Policy B: Maintain and implement the policies and recommendations of the Bicycle Master Plan as part of the Recreational Trails Element. These facilities shall connect residential areas with schools, parks, recreation areas, major employment centers, and neighborhood commercial areas.
- Policy C: Maintain and implement the policies and recommendations of the Pedestrian Master Plan as part of the Recreational Trails Element to ensure pedestrian access along streets and other locations throughout the City are properly maintained and provided.
- Policy D: Support parking policies that increase the cost of parking and/or reduce the supply of off-street parking to encourage drivers to consider using alternative modes of transportation or carpool/vanpool opportunities where transit facilities are available.
- Policy E: Encourage businesses to offer financial incentives to use modes of transportation other than the single occupant vehicle by way of subsidized transit, carpool/vanpool programs, bike to work programs, parking cash-out programs, or some combination of these.
- Policy F: Encourage new developments to provide on-site facilities such as showers, lockers, carpool stalls, and bicycle racks.

The City shall:

- Policy A: Cooperate with the North County Transit District (NCTD) to attain a balance of transportation opportunities. This shall include the establishment of criteria to implement transportation improvements, short and long-range transit service plans, corridor improvements, transit centers, park-and-ride lots with amenities for bicyclists, and the preservation of rights-of-way for commuter rail stations.
- Policy B: The City shall require developers to construct, where appropriate, transit facilities when their development is on a transit service route including bus stop amenities to include lighted shelters, benches, and route information signs (where appropriate) through coordination with NCTD.

- **Policy C:** Work with the NCTD to assure that transit centers and major stops have adequate bicycle and pedestrian access, including secure bicycle storage. The City shall continue to work with NCTD to encourage more bus services that accommodate bicycles.
- **Policy D**: Encourage, in coordination with the NCTD, the utilization of the multi-modal transit center by coordinating bus routes and requiring, when applicable, shuttle services to major employment centers. Improved information signage giving directions to the transit center should be a main objective for the Coast Highway and other area thoroughfares.

Bicycle Facilities

The City shall:

- **Policy A:** Integrate bicycle and pedestrian planning and safety considerations more fully into the planning and design of the roadway network, transit facilities, public buildings, and parks.
- **Policy B:** Provide and maintain a safe, direct, and comprehensive bicycle network connecting neighborhoods, employment locations, public facilities, transit stations, parks and other key destinations.
- **Policy C:** Plan Class II bicycle lanes into all prime arterial, major arterials, and secondary collectors where safe and appropriate as determined by City staff.
- **Policy D:** Encourage large new developments to be designed with features such as secure bicycle parking and lockers, bike racks, shower facilities, and other amenities that accommodate bicycle users.

Pedestrian Facilities

The City shall:

- **Policy A:** Require the construction of a minimum five-foot wide sidewalk in all new developments and street improvements but will encourage sidewalk widths that go beyond the minimum five-foot ADA standards in areas with high pedestrian activity.
- **Policy B:** Encourage the inclusion of public walkways, open space, or trails for pedestrian usage in large, private developments.
- **Policy C:** Work with NCTD to provide accessible pedestrian facilities at transit stations and bus stops.

2.3 Regional and Local Air Quality Conditions

2.3.1 San Diego Air Basin Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, the EPA classifies air basins (or portions thereof) as “attainment” or “nonattainment” for each criteria air pollutant, based on whether the NAAQS have been achieved. Generally, if the recorded concentrations of a pollutant are lower than the standard, the area is classified as “attainment” for that pollutant. If an area exceeds the standard, the area is classified as “nonattainment” for that pollutant. If there is not enough data available to determine whether the standard is exceeded in an area, the area is designated as “unclassified” or “unclassifiable.” The designation of “unclassifiable/attainment” means that the area meets the standard or is expected to be meet the standard despite a lack of monitoring data. Areas that achieve the standards after a nonattainment designation are re-designated as maintenance areas and must have approved

maintenance plans to ensure continued attainment of the standards. The California Clean Air Act, like its federal counterpart, called for the designation of areas as "attainment" or "nonattainment," but based on CAAQS rather than the NAAQS. Table 2 depicts the current attainment status of the project site with respect to the NAAQS and CAAQS.

Table 2. San Diego Air Basin Attainment Classification

Pollutant	Designation/Classification	
	Federal Standards	*State Standards*
Ozone (O_3) – 1 hour [a]	Attainment[a]	**Nonattainment**
O_3 (8-hour – 1997) (8-hour – 2008)	Attainment (Maintenance) **Nonattainment (Moderate)**	**Nonattainment**
Nitrogen Dioxide (NO_2)	Unclassifiable/Attainment	Attainment
Carbon Monoxide (CO)	Attainment (Maintenance)	Attainment
Sulfur Dioxide (SO_2)	Unclassifiable/Attainment	Attainment
Coarse Particulate Matter (PM_{10})	Unclassifiable/Attainment	**Nonattainment**
Fine Particulate Matter ($PM_{2.5}$)	Unclassifiable/Attainment	**Nonattainment**
Lead (Pb)	Unclassifiable/Attainment	Attainment
Hydrogen Sulfide	No federal standard	Attainment
Sulfates	No federal standard	Unclassified
Visibility-Reducing Particles	No federal standard	Unclassified
Vinyl Chloride	No federal standard	No designation

Sources: EPA 2018b (federal); CARB 2018a (state).
Notes:
Attainment = meets the standards; Attainment (Maintenance) = achieve the standards after a nonattainment designation; Nonattainment = does not meet the standards; Unclassified or Unclassifiable = insufficient data to classify; Unclassifiable/Attainment = meets the standard or is expected to be meet the standard despite a lack of monitoring data.
[a] The federal 1-hour standard of 0.12 ppm was in effect from 1979 through June 15, 2005. The revoked standard is referenced here because it was employed for such a long period and because this benchmark is addressed in SIPs.

In summary, the SDAB is designated as an attainment area for the 1997 8-hour O_3 NAAQS and as a nonattainment area for the 2008 8-hour O_3 NAAQS. The SDAB is designated as a nonattainment area for O_3, PM_{10}, and $PM_{2.5}$ CAAQS. The portion of the SDAB where the project is located in is designated as attainment or unclassifiable/unclassified for all other criteria pollutants under the NAAQS and CAAQS.

2.3.2 Air Quality Monitoring Data

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. Local ambient air quality is monitored by SDAPCD. SDAPCD operates a network of ambient air monitoring stations throughout San Diego County, which measure ambient concentrations of pollutants and determine whether the ambient air quality meets the CAAQS and the NAAQS. The nearest SDAPCD-operated monitoring station is the Camp Pendleton monitoring station, which is located approximately 1.1 miles northwest of the project site. This site was used to show the background ambient air quality for O_3 and NO_2. The closest monitoring site that measures CO, SO_2, PM_{10}, and $PM_{2.5}$ for years 2016 and 2017 is the First Street – El Cajon monitoring station located at 533 First Street, El Cajon, and for year 2015 is the Floyd Smith Drive – El Cajon monitoring station located at 10537 Floyd Smith Drive, El Cajon, which are about 36 miles southeast of the site. The most recent background ambient air quality data and number of days exceeding the ambient air quality standards from 2015 to 2017 are presented in Table 3.

Table 3. Local Ambient Air Quality Data

Averaging Time	Unit	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
				2015	*2016*	*2017*	*2015*	*2016*	*2017*
Ozone (O_3) – Camp Pendleton									
Maximum 1-hour concentration	ppm	State	0.09	0.093	0.083	0.094	0	0	0
Maximum 8-hour concentration	ppm	State	0.070	0.076	0.073	0.081	2	4	4
		Federal	0.070	0.076	0.073	0.081	2	4	4
Nitrogen Dioxide (NO_2) – Camp Pendleton									
Maximum 1-hour concentration	ppm	State	0.18	0.060	0.072	0.063	0	0	0
		Federal	0.100	0.060	0.072	0.063	0	0	0
Annual concentration	ppm	State	0.030	0.007	0.006	0.006	—	—	—
		Federal	0.053	0.007	0.006	0.006	—	—	—
Carbon Monoxide (CO) – El Cajon – First Street; Floyd Smith Drive									
Maximum 1-hour concentration	ppm	State	20	1.4	1.6	1.5	0	0	0
		Federal	35	1.4	1.6	1.5	0	0	0
Maximum 8-hour concentration	ppm	State	9.0	1.1	1.3	1.4	0	0	0
		Federal	9	1.1	1.3	1.4	0	0	0
Sulfur Dioxide (SO_2) – El Cajon – First Street; Floyd Smith Drive									
Maximum 1-hour concentration	ppm	Federal	0.075	0.0012	0.0006	0.0011	0	0	0
Maximum 24-hour concentration	ppm	Federal	0.14	0.0004	0.0002	0.0004	0	0	0
Annual concentration	ppm	Federal	0.030	0.00011	0.00008	0.00011	0	0	0
Coarse Particulate Matter (PM_{10})[a] – El Cajon – First Street; Floyd Smith Drive									
Maximum 24-hour concentration	μg/m³	State	50	48	50	50	0.0 (0)	0.0 (0)	0.0 (0)
		Federal	150	48	50	50	0.0 (0)	0.0 (0)	0.0 (0)
Annual concentration	μg/m³	State	20	—	—	—	—	—	—
Fine Particulate Matter ($PM_{2.5}$)[a] – El Cajon – First Street; Floyd Smith Drive									
Maximum 24-hour concentration	μg/m³	Federal	35	24.7	19.3	31.8	0.0 (0)	0.0 (0)	0.0 (0)
Annual concentration	μg/m³	State	12	8.2	7.4	9.6	0.0 (0)	0.0 (0)	0.0 (0)
		Federal	12.0	8.2	7.4	9.6	0.0 (0)	0.0 (0)	0.0 (0)

Sources: CARB 2019c; EPA 2019.
Notes: ppm = parts per million; — = not available; μg/m³ = micrograms per cubic meter;
Data taken from CARB iADAM (CARB 2019c) and EPA AirData (EPA 2019a) represent the highest concentrations experienced over a given year.

Daily exceedances for particulate matter are estimated days because PM_{10} and $PM_{2.5}$ are not monitored daily. All other criteria pollutants did not exceed federal or state standards during the years shown. There is no federal standard for 1-hour O_3, annual PM_{10}, or 24-hour SO_2, nor is there a state 24-hour standard for $PM_{2.5}$.
Camp Pendleton monitoring station is located at 21441 West B Street, Camp Pendleton, California.
El Cajon – First Street monitoring station is located at 533 First Street, El Cajon, California.
El Cajon – Floyd Smith Drive monitoring station is located at 10537 Floyd Smith Drive, El Cajon, California.

[a] Measurements of PM_{10} and $PM_{2.5}$ are usually collected every 6 days and every 1 to 3 days, respectively. Number of days exceeding the standards is a mathematical estimate of the number of days concentrations would have been greater than the level of the standard had each day been monitored. The numbers in parentheses are the measured number of samples that exceeded the standard.

2.4 Significance Criteria and Methodology

2.4.1 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 project would have a significant impact on air quality it 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 project region is non-attainment 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 project would have a significant impact on air quality.

As part of its air quality permitting process, SDAPCD has established thresholds in Rule 20.2 requiring the preparation of Air Quality Impact Assessments for permitted stationary sources (SDAPCD 2016b). SDAPCD sets forth quantitative emission thresholds below which a stationary source would not have a significant impact on ambient air quality. Although these trigger levels do not generally apply to mobile sources or general land development projects, for comparative purposes these levels may used to evaluate the increased emissions that would be discharge to the SDAB from proposed land development projects (County of San Diego 2007). Project-related air quality impacts estimated in this environmental analysis would be considered significant if any of the applicable significance thresholds presented in Table 4, SDAPCD Air Quality Significance Thresholds, are exceeded.

Table 4. SDAPCD Air Quality Significance Thresholds

Construction Emissions			
Pollutant	*Total Emissions (Pounds per Day)*		
Respirable Particulate Matter (PM10)	100		
Fine Particulate Matter (PM2.5)	55		
Oxides of Nitrogen (NOx)	250		
Oxides of Sulfur (SOx)	250		
Carbon Monoxide (CO)	550		
Volatile Organic Compounds (VOC)	75*		
Operational Emissions			
	Total Emissions		
Pollutant	*Pounds per Hour*	*Pounds per Day*	*Tons per Year*
Respirable Particulate Matter (PM_{10})	—	100	15
Fine Particulate Matter ($PM_{2.5}$)	—	55	10
Oxides of Nitrogen (NO_x)	25	250	40
Sulfur Oxides (SO_x)	25	250	40
Carbon Monoxide (CO)	100	550	100
Lead and Lead Compounds	—	3.2	0.6
Volatile Organic Compounds (VOC)	—	75*	13.7

Sources: SDAPCD Rules 1501 (SDAPCD 1995) and 20.2(d)(2) (SDAPCD 2016b).
* VOC threshold based on the threshold of significance for VOCs from the South Coast Air Quality Management District for the Coachella Valley as stated in the San Diego County Guidelines for Determining Significance.

The thresholds listed in Table 4 represent screening-level thresholds that can be used to evaluate whether proposed-project-related emissions could cause a significant impact on air quality. Emissions below the screening-level thresholds would not cause a significant impact. The emissions-based thresholds for O_3 precursors are intended to serve as a surrogate for an "O_3 significance threshold" (i.e., the potential for adverse O_3 impacts to occur). This approach is used because O_3 is not emitted directly (see the discussion of O_3 and its sources in Section 2.1.2.1, Criteria Air Pollutants), and the effects of an individual project's emissions of O_3 precursors (VOC and NO_x) on O_3 levels in ambient air cannot be determined through air quality models or other quantitative methods. For nonattainment pollutants, if emissions exceed the thresholds shown in Table 4, the project could have the potential to result in a cumulatively considerable net increase in these pollutants and thus could have a significant impact on the ambient air quality.

With respect to odors, SDAPCD Rule 51 (Public Nuisance) prohibits emission of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person. 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.

2.4.2 Approach and Methodology

2.4.2.1 Construction Emissions

Emissions from the construction phase of the project were estimated using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2 (CAPCOA 2017). Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the project applicant and CalEEMod default values when project specifics were not known.

For purposes of estimating project emissions, and based on information provided by the project applicant, it is assumed that demolition of the existing building and construction of the project would occur six days per week and commence in February 2021[6] and would last approximately 26 months, ending in April 2023. The analysis contained herein is based on the following assumptions (duration of phases is approximate):

- Demolition: 8 weeks (February 2021 – March 2021)
- Site Preparation: 2 weeks (March 2021 – April 2021)
- Grading: 4 weeks (April 2021 – May 2021)
- Building Construction: 100 weeks (May 2021 – April 2023)
- Trenching: 20 weeks (May 2021 – September 2021)
- Paving: 16 weeks (May 2021 – August 2021)
- Architectural Coating: 20 weeks (December 2022 – April 2023)

Demolition activities would involve demolition and removal of two existing buildings totaling approximately 8,300 square feet or 38 one-way truck trips. Construction-worker and vendor trips estimates by construction phase were based on CalEEMod default data. Mass grading would include 5.3 acres and 10,700 cubic yards of soil for export. Assuming a haul truck capacity of 16 cubic yards per truck, earth-moving activities would result in approximately 669 round trips (1,338 one-way truck trips) during the grading phase. During building construction, 12,500 cubic yards of soil would be imported. Assuming a haul truck capacity of 9 cubic yards per truck, as provided by the applicant, soil-importing activities would result in approximately 1,389 round trips (2,778 one-way truck trips). CalEEMod default trip length values were used for the distances for all construction-related trips.

The construction equipment mix and vehicle trips used for estimating the project-generated construction emissions are shown in Table 5.

6 The analysis assumes a construction start date of February 2021, which represents the earliest date construction would initiate. Assuming the earliest start date for construction represents the worst-case scenario for criteria air pollutant and GHG 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 5. Construction Scenario Assumptions

Construction Phase	One-Way Vehicle Trips			Equipment		
	Average Daily Worker Trips	*Average Daily Vendor Truck Trips*	*Total Haul Truck Trips*	*Equipment Type*	*Quantity*	*Usage Hours*
Demolition	15	0	38	Concrete/industrial saws	1	8
				Excavators	3	8
				Rubber-tired dozers	2	8
Site Preparation	18	0	0	Rubber-tired dozers	3	8
				Tractors/loaders/ backhoes	2	8
Grading	20	0	1,338	Excavators	2	8
				Graders	1	8
				Rubber-tired dozers	1	8
				Tractors/loaders/dozers	2	8
				Scrapers	2	8
Building Construction	411	106	2,778	Cranes	1	7
				Forklifts	3	8
				Generator sets	1	8
				Tractors/loaders/ backhoes	3	7
				Welders	1	8
Trenching	12	0	0	Excavators	1	7
				Tractors/loaders/ backhoes	1	7
Paving	15	0	0	Pavers	2	8
				Paving equipment	2	8
				Rollers	2	8
Architectural Coating	82	0	0	Air compressors	1	6

Notes: See Appendix A for details.

As discussed in Section 1.5, Dust Control Strategies, the project would implement dust control strategies as a project design feature. To reflect implementation of proposed dust control strategies, the following was assumed in CalEEMod:

- Water exposed area three times per day (61% reduction in PM_{10} and $PM_{2.5}$).
- As a surrogate for watering unpaved road three times per day, the "soil stabilizer for unpaved" option was used assuming a 61% reduction in PM_{10} and $PM_{2.5}$.
- Limit vehicle travel on unpaved roads to 15 miles per hour.
- Dirt and debris spilled onto paved surfaces at the project site and on the adjacent roadways shall be swept, vacuumed, and/or washed at the end of each workday (26% reduction in PM).

Construction 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 project. This report includes an HRA associated with emissions from construction of the 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 2015b).

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 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 6.

Table 6. AERMOD Principal Parameters

Parameter	Details
Meteorological Data	The latest 3-year meteorological data (2010–2012) for the Camp Pendleton Station (Station ID 3177) were provided from SDAPCD 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	Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. However, according to SDAPCD guidelines, the rural dispersion option was selected due to the Project's proximity to the ocean.

Table 6. AERMOD Principal Parameters

Parameter	Details
Terrain Characteristics	Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. Per SDAPCD guidance, the National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used.
Emission Sources and Release Parameters	Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate in accordance with the modeling scenario estimated in CalEEMod (Appendix C). The DPM emissions were modeled as a series of volume sources.
Source Release Characterizations	Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate in accordance with the modeling scenario estimated in CalEEMod (Appendix A). The construction equipment DPM emissions were modeled as a line of adjacent volume sources across the project site to represent project construction with a release height of 5 meters, plume height of 2.33 meters, and plume width of 11.63 meters.
Discrete Receptors	This HRA evaluates the risk to existing residential receptor located in proximity to the project. A uniform 2-kilometer by 2-kilometer Cartesian grid with 50-meter spacing was centered over the project site and converted into discrete receptors to represent proximate sensitive receptors.

Note: See Appendix C.

Dispersion model plotfiles from AERMOD were then imported into CARB's Hotspots Analysis and Reporting Program Version 2 (HARP2) 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. Detailed results and methodology are provided in Appendix C.

2.4.2.2 Operational Emissions

Emissions from the operational phase of the project were estimated using CalEEMod Version 2016.3.2 (CAPCOA 2017). Operational year 2024 was assumed consistent with completion of project construction.

Area Sources

CalEEMod was used to estimate operational emissions from area sources, including emissions from consumer product use, architectural coatings, and landscape maintenance equipment. Emissions associated with natural gas usage in space heating and water heating are calculated in the building energy use module of CalEEMod, as described in the following text.

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 2017). Consumer product VOC emissions are estimated in CalEEMod based on the floor area of commercial buildings and on the default factor of pounds of VOC per building square foot per day. The CalEEMod default values for consumer products were assumed.

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 emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. VOC emissions were estimated based on compliance with SDAPCD Rule 67.0.1, which provides VOC content limits for various coatings. The three general coatings categories are 50 grams per liter (g/L) VOC for flat coatings, 100 g/L VOC for non-flat coatings, and 150 g/L VOC for non-flat high-gloss coatings. Consistent with typical construction practices, it is anticipated that interior paint would not exceed flat coating limits, exterior paint would not exceed non-flat coating limits, and a small portion of exterior paint and finishes (trim and other minor finishes) would not exceed non-flat high-gloss coatings limits. It was conservatively assumed that all residential and non-residential (interior and exterior) architectural coating would be 150 g/L VOC. The model default reapplication rate of 10% of area per year is assumed. Consistent with CalEEMod defaults, it is 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 2017). For parking lot land uses, 250 grams per liter VOC was assumed consistent with CalEEMod default VOC rates.

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

Energy Sources

As represented in CalEEMod, energy sources 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.

CalEEMod default values for energy consumption were applied for the project analysis. The energy use from residential and nonresidential buildings were calculated based on CalEEMod energy intensity values (natural gas usage per square foot per year) from the Residential Appliance Saturation Survey database and the California Commercial End-Use Survey database, respectively. Based on information provided by the applicant, the community space was assumed to have three natural gas fireplaces, but the residential units were assumed to have no fireplaces or woodstoves.

Mobile Sources

To quantify emissions associated with project operational mobile sources, trip generation rates and trip lengths for each analyzed project land use were adjusted in CalEEMod to match the overall weekday daily trips (2,495 trips), which was based on 309 apartments, 5,800 square feet of high-turnover restaurant space, and a 10% reduction in vehicle trips from internal trip capture (trips that would originate from the proposed residential land use) based on the Traffic Impact Analysis (Dudek 2019). CalEEMod default data, including trip characteristics, tip lengths, variable start information and emissions factors were conservatively used for the model inputs. Project-related traffic was assumed to include a mixture of vehicles consistent with CalEEMod default vehicle fleet assumptions. Emission factors for 2024 (the first full year of project operation) were used to estimate emissions associated with full buildout of the project. No VMT reductions associated with bicycle parking was assumed in CalEEMod. However, VMT reductions were included for traffic-calming measures described in 1.4, Project Design Features.

Roadway Health Risk Assessment

CARB encourages consideration of the health impacts of freeways and high-traffic roadways on sensitive receptors sited within 500 feet (CARB 2005). The project is located approximately 750 feet from Interstate (I-) 5 and 430 feet from State Route (SR-) 76 (measuring from the edge of the freeway to the center of the project site). At its closest, the northeast corner fo the site is 415 feet from I-5.

CARB's Air Quality and Land Use Handbook: A Community Health Perspective also recommends avoiding siting new sensitive land uses within 1,000 feet of a major service and maintenance rail yard (CARB 2005). The relevant guidance regarding the evaluation of health risks associated with locomotives has been focused on rail yard operations as opposed to train tracks. The closest major service and maintenance rail yard to the project is on Camp Pendleton, approximately 3 miles away. Although the train tracks are located 600 feet west of the western edge of the project site, those train tracks do not constitute a rail yard as that term is used by CARB. The CARB guidance does not identify the need for a siting distance buffer between sensitive receptors and train tracks. Unlike railyard operations, sensitive receptors are only exposed to pollutants from moving locomotives for a very short duration.

This HRA predicted the potential exposure to future residents of the project from TAC emissions related to vehicles traveling on I-5 and SR-76. The cancer risk calculations were performed by multiplying the AERMOD-predicted TAC concentrations in µg/m3 per unit g/s due to TAC emissions from vehicles traveling on I-5 and SR-76 by the appropriate risk values. The mandatory potential exposure through pathways (e.g., inhalation) are selected for the operation-generated TAC emissions.

All details for construction HRA discussed in Section 2.4.2.1 are also applicable for the estimation of roadway health impacts on the future proposed residential receptors. The residential exposure period was assumed to be third trimester to 30 years. Principal parameters of this modeling are presented in Table 7.

Table 7. AERMOD Principal Parameters

Parameter	Details
Meteorological Data	The latest 3-year meteorological data (2010–2012) for the Camp Pendleton Station (Station ID 3177) were provided from SDAPCD 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	Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. However, according to SDAPCD guidelines, the rural dispersion option was selected due to the Project's proximity to the ocean.
Terrain Characteristics	Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. Per SDAPCD guidance, the National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used.
Emission Sources and Release Parameters	Air dispersion modeling of DPM emissions was conducted assuming the I-5 and SR-76 would operate in accordance with the estimated emissions (Appendix C). The DPM emissions were modeled as a series of volume sources.
Source Release Characterizations	Vehicles traveling on I-5 and SR-76 were modeled as a line of alternating volume sources for each direction of the freeway with a release height of 2.9 meters, plume height of 5.7 meters, and 10 feet was added to the freeway width to account for the wake of moving vehicles, to represent vehicles traveling northbound and southbound

Table 7. AERMOD Principal Parameters

Parameter	Details
	and eastbound and westbound, respectively. Variable emission factors were not applied to this scenario.
Discrete Receptors	This HRA evaluates the risk to proposed future residential receptors located at the project site. A uniform Cartesian grid with 25-meter spacing was centered over the project site and converted into discrete receptors to represent onsite sensitive receptors.

Note: See Appendix C.

Dispersion model plotfiles from AERMOD were then imported into HARP2 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. Detailed results and methodology are provided in Appendix C.

2.4.2.3 Carbon Monoxide Hotspots

Mobile source impacts occur on two scales of motion: regionally and locally. Regionally, proposed-project-related travel would add to regional trip generation and increase the VMT within the local airshed and the SDAB. Locally, project-generated traffic would be added to the City's roadway system near the project area. If such traffic (1) occurs during periods of poor atmospheric ventilation, (2) is composed of a large number of vehicles "cold-started" and operating at pollution-inefficient speeds, and (3) is operating on roadways already congested with non-proposed-project traffic, there is a potential for the formation of microscale CO hotspots in the area immediately around points of congested traffic.

In addition to the numerous factors that would need to be present for a CO hotspot to occur, the potential for CO hotspots in the SDAB is steadily decreasing because of the continued improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion and the already very low ambient CO concentrations. Furthermore, CO transport is extremely limited and disperses rapidly with distance from the source. Under certain extreme meteorological conditions, however, CO concentrations near a congested roadway or intersection may reach unhealthy levels, affecting sensitive receptors such as residents, school children, hospital patients, and the elderly. Typically, high CO concentrations are associated with roadways or intersections operating at an unacceptable level of service (LOS). Projects contributing to adverse traffic impacts may result in the formation of CO hotspots.

Because the City does not have CO hotspot guidance, the guidance recommended by the County of San Diego was applied to evaluate the potential for CO hotspots to occur as a result of the project. As indicated in the County of San Diego Guidelines for Determining Significance and Report Format and Content Requirements Air Quality (County of San Diego 2007), a site-specific CO hotspot analysis should be performed if a proposed development would cause road intersections to operate at or below a LOS E with intersection peak-hour trips exceeding 3,000.

2.5 Impact Analysis

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 project impacts are discussed below.

2.5.1 Threshold 1

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

As mentioned in Section 2.2.3, Local Regulations, SDAPCD and SANDAG are responsible for developing and implementing the clean air plans for attainment and maintenance of the ambient air quality standards in the basin—specifically, the SIP and RAQS.[7] The federal O_3 maintenance plan, which is part of the SIP, was adopted in 2012. The most recent O_3 attainment plan was adopted in 2016. 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 on a triennial basis (most recently in 2016). The RAQS outlines SDAPCD's plans and control measures designed to attain the state air quality standards for O_3. 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 the 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 the development of their general plans.

If a project involves development that is greater than that anticipated in the local plan and SANDAG's growth projections, the project might be in conflict with the SIP and RAQS and may contribute to a potentially significant cumulative impact on air quality. The zoning for this project site is Subdistrict 7B of the Downtown District. The Subdistrict is intended to provide for a mix of recreational and commercial uses conveniently located near recreational and residential areas, with residential uses allowed as part of a mixed-use project. Thus, the project is consistent with the zoning designation and is anticipated in the local plan and SANDAG's growth projections. Furthermore, the SANDAG's Regional Plan population, employee population, and housing estimates for the years 2020 and 2035 was compared to the estimated increase in population, employees, and housing generated by the project.

The number of housing units in the City was projected to be 67,817 in 2020 and 70,395 in 2035, or increase in 2,578 housing units over the period. Furthermore, the population in the City was projected to be 177,840 residents in 2020 and 188,597 residents in 2035, or increase in 10,757 residents over the period (SANDAG 2015). The average household size is 2.8 people per dwelling unit (City of Oceanside 2013). The project would construct 309 dwelling units, which would have the potential to house approximately 866 residents.

[7] 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 basin.

The number of employee population in the City was projected to be 48,205 in 2020 and 53,283 in 2035, or increase in 10,078 employees over the period (SANDAG 2015). Based on information from the applicant, the project would employ 25 persons.

Therefore, the project would be within SANDAG's population growth forecast, thus, would not conflict with the SIP and RAQS. The project would not conflict with or obstruct implementation of the applicable air quality plan, and impacts would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

2.5.2 Threshold 2

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

Construction Emissions

Construction of the project would result in the temporary addition of pollutants to the local airshed caused by on-site sources (i.e., off-road construction equipment, rock crushing, soil disturbance, and VOC off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). 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 emission levels can only be approximately estimated with a corresponding uncertainty in precise ambient air quality impacts.

As discussed in Section 2.4.2.1, Construction Emissions, criteria air pollutant emissions associated with temporary construction activity were quantified using CalEEMod. Construction emissions were calculated 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 (2021, 2022, and 2023). Construction schedule assumptions, including phase type, duration, and sequencing, were based on information provided by the project applicant and is intended to represent a reasonable scenario based on the best information available. Default values provided in CalEEMod were used where detailed project information was not available.

Implementation of the project would generate 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 project would implement various dust control strategies (**PDF-AQ-1**) and would be required to comply with SDAPCD Rule 55 to control dust emissions generated during the grading activities. Proposed construction practices that would be employed to reduce fugitive dust emissions include watering of the active sites and unpaved roads three times per day depending on weather conditions and restricting vehicle speed on unpaved roads to 15 miles per hour. Internal combustion engines used by construction equipment, vendor trucks (i.e., delivery trucks), and worker vehicles would

result in emissions of VOCs, NO_x, CO, PM_{10}, and $PM_{2.5}$. The application of architectural coatings, such as exterior application/interior paint and other finishes, and application of asphalt pavement 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).

Table 8 presents the estimated maximum daily construction emissions generated during construction of the project. The values shown are the maximum summer or winter daily emissions results from CalEEMod. Details of the emission calculations are provided in Appendix A.

Table 8. Estimated Maximum Daily Construction Criteria Air Pollutant Emissions – Unmitigated

Year	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	pounds per day					
2021	8.65	101.41	56.70	0.15	14.61	9.22
2022	55.63	29.42	33.23	0.10	4.77	1.94
2023	55.31	25.47	32.01	0.10	4.81	1.86
Maximum	55.63	101.41	56.70	0.15	14.61	9.22
SDAPCD 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} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SDAPCD = San Diego Air Pollution Control District.
See Appendix A for complete results.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. These emissions reflect CalEEMod "mitigated" output, which accounts for compliance with SDAPCD Rule 67.0.1 (Architectural Coatings) and implementation of the project's fugitive dust control strategies, including watering of the project site and unpaved roads three times per day, and restricting vehicle speed on unpaved roads to 15 miles per hour.

As shown in Table 8, daily construction emissions would not exceed the SDAPCD significance thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$ during construction in all construction years. Construction-generated emissions would be temporary and would not represent a long-term source of criteria air pollutant emissions. Thus, impacts would be **less than significant.**

Operational Emissions

The project involves construction of a mixed-use community that would include residential and commercial uses. Operation of the project would generate VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$ emissions from mobile sources, including vehicle trips from residences, visitors, employees, and delivery trips; area sources, including the use of three natural gas fireplaces, consumer products, architectural coatings for repainting, and landscape maintenance equipment; and energy sources, including combustion of fuels used for space and water heating and cooking appliances. As discussed in Section 2.4.2.2, Operational Emissions, pollutant emissions associated with long-term operations were quantified using CalEEMod. Project-generated mobile source emissions were estimated in CalEEMod based on project-specific trip rates. CalEEMod default values were used to estimate emissions from the project area and energy sources.

Table 9 presents the maximum daily area, energy, and mobile source emissions associated with operation (year 2024) of the project. Operational year 2024 was assumed upon completion of construction. The values shown are the maximum summer or winter daily emissions results from CalEEMod and compared to the SDAPCD Thresholds of Significance. Details of the emission calculations are provided in Appendix A.

Table 9. Estimated Maximum Daily Operational Criteria Air Pollutant Emissions – Unmitigated

Emission Source	VOC	NO_x	CO	SO_x	PM_{10}	$PM_{2.5}$
	pounds per day					
Area	9.37	0.34	25.58	<0.01	0.15	0.15
Energy	0.10	0.85	0.47	<0.01	0.07	0.07
Mobile	3.25	11.72	31.23	0.11	9.76	2.66
Total	**12.72**	**12.91**	**57.28**	**0.11**	**9.98**	**2.88**
SDAPCD 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} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; SDAPCD = San Diego Air Pollution Control District; <0.01 = reported emissions are less than 0.01.
See Appendix A for complete results.
Totals may not sum due to rounding.
Community space was assumed to have three natural gas fireplaces; residential units were not equipped with fireplaces or woodstoves.
The values shown are the maximum summer or winter daily emissions results from CalEEMod. These emissions reflect operational year 2024.

As shown in Table 9, the combined daily area, energy, and mobile source emissions would not exceed the SDAPCD operational thresholds for VOC, NO_x, CO, SO_x, PM_{10}, and $PM_{2.5}$. Thus, impacts associated with project-generated operational criteria air pollutant emissions would be **less than significant.**

Air pollution is largely a cumulative impact. The nonattainment status of regional pollutants is a result of past and present development, and SDAPCD develops and implements plans for future attainment of ambient air quality standards. Based on these considerations, project-level thresholds of significance for criteria pollutants are relevant in the determination of whether a project's individual emissions would have a cumulatively significant impact on air quality. As described above, the project would have a less-than-significant impact for short-term construction and long-term operations.

The SDAB is a nonattainment area for O_3 under the NAAQS and CAAQS. The poor air quality in the SDAB is the result of cumulative emissions from motor vehicles, off-road equipment, commercial and industrial facilities, and other emission sources. Projects that emit these pollutants or their precursors (i.e., VOCs and NO_x for O_3) potentially contribute to poor air quality. In analyzing cumulative impacts from a project, the analysis must specifically evaluate the project's contribution to the cumulative increase in pollutants for which the SDAB is designated as nonattainment for the CAAQS and NAAQS. If the 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 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 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 basin, the RAQS serves as the long-term regional air quality planning document for the purpose of assessing cumulative operational emissions in the basin to ensure 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 $PM_{2.5}$. The nonattainment status is the result of cumulative emissions from all sources of these air pollutants and their precursors within the SDAB. As discussed previously, the project would not exceed significance thresholds during construction or operation. As such, the project would result in **less-than-significant** impacts to air quality relative to emissions.

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 the development of their general plans. Therefore, projects that involve development consistent with the growth anticipated by local plans would be consistent with the SIP and RAQS and would not be considered to result in cumulatively considerable impacts from operational emissions. As stated previously, the project would be consistent with the zoning designation and would not result in significant regional growth that is not accounted for within the RAQS. As a result, the project would not result in a cumulatively considerable contribution to regional O_3 concentrations or other criteria pollutant emissions. Cumulative impacts would be **less than significant** during operation.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

2.5.3 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 upon 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. Sensitive receptors include residences, schools, playgrounds, child-care centers, athletic facilities, long-term health-care facilities, rehabilitation centers, convalescent centers, and retirement homes. The closest sensitive receptors (mobile homes) are located adjacent to the west and south boundary of the project site. In addition, the project would result in the development of residences, which would be considered sensitive receptors.

Health Impacts of Toxic Air Contaminants

Construction

"Incremental cancer risk" is the net increased likelihood that a person continuously exposed to concentrations of TACs resulting from a project over a 9-, 30-, and 70-year exposure period would contract cancer based on the use of standard Office of Environmental Health Hazard Assessment (OEHHA) risk-assessment methodology (OEHHA 2015). In addition, some TACs have noncarcinogenic effects. TACs that would potentially be emitted during construction activities would be DPM emitted from heavy-duty construction equipment and heavy-duty trucks. The project will not require the extensive use of heavy-duty construction equipment, which is subject to CARB Airborne Toxic Control Measures to reduce DPM emissions. According to the OEHHA, health risk assessments should be based on a 30-year exposure duration based on typical residency period; however, such assessments should be limited to the period/duration of activities associated with the project (OEHHA 2015). Thus, the duration of proposed construction activities (approximately 26 months) would only constitute a small percentage of the total long-term exposure period and would not result in exposure of proximate sensitive receptors to substantial TACs. After construction is completed, there would be no long-term source of TAC emissions during operation.

However, as a precautionary measure a HRA was performed to evaluate the risk from diesel exhaust emissions on existing sensitive receptors from construction activities. The HRA methodology was further described in Section 2.4.2.1, and the detailed assessment is provided in Appendix C. The results of the HRA for Project construction are summarized in Table 10.

Table 10. Construction Activity Health Risk Assessment Results

Impact Parameter	Units	Proposed Project Impact	CEQA Threshold	Level of Significance
Cancer Risk	Per Million	81.79	10.0	**Potentially significant**
HIC	Not Applicable	0.047	1.0	Less than Significant

Sources: Appendix C
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 would result in cancer risk off-site above the 10 in 1 million threshold and Chronic Hazard Index less than 1. Therefore, TAC emissions from construction of the project would result in a **potentially significant** impact and thus mitigation is required.

The following mitigation measures would reduce potentially significant impacts to air quality to a level below significance.

MM-AQ-1 To reduce the potential for health risks as a result of construction of the project, the applicant shall:

A. Prior to the start of construction activities, the project applicant, or its designee, shall ensure that all 75 horsepower or greater diesel-powered equipment are powered with CARB certified Tier 4 Interim engines or better, except where the project applicant establishes to the satisfaction of the City that Tier 4 Interim equipment is not available.

B. All other diesel-powered construction equipment will be classified as Tier 3 or higher, at a minimum, except where the project applicant establishes to the satisfaction of the City that Tier 3 equipment is not available.

In the case where the applicant is unable to secure a piece of equipment that meets the Tier 4 Interim requirement, the applicant may upgrade another piece of equipment to compensate (e.g. from Tier 4 Interim to Tier 4 Final) or take such other actions as would reduce the contemplated emissions from 75 horsepower or greater diesel-powered equipment to a level that would have been achieved had Tier 4 Interim engines been used. Engine Tier requirements in accordance with this measure shall be incorporated on all construction plans.

The construction of the proposed project would result in a potentially significant impact to sensitive receptors prior to mitigation. With implementation of MM-AQ-1, the emissions of DPM are significantly reduced compared to the unmitigated scenario. The detailed emissions assumptions and model outputs using CalEEMod are provided in Appendix C. Table 11 shows the results of the HRA after implementation of MM-AQ-1 for the proposed project.

Table 11. Construction Activity Health Risk Assessment Results - Mitigated

Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Proposed Project				
MICR – Residential Off Site	Per Million	8.45	10.0	Less than Significant
HIC – Off Site	Not Applicable	0.005	1.0	Less than Significant

Sources: Appendix B
Notes: MICR – Maximum Individual Cancer Risk; HIC – Chronic Hazard Index

The mitigated results shown in Table 11 demonstrate that the construction mobile sources exhibit maximum individual cancer risks (MICR) below the 10 in a million threshold and chronic hazard indices (HIC) less than 1. AERMOD and HARP2 outputs are contained in Appendix C. Therefore, the exposure to TAC emissions would be **less than significant** with mitigation.

Roadway

This HRA also predicted the potential exposure to future residents of the project from TAC emissions related to vehicles traveling on I-5 and SR-76. The HRA methodology was further described in Section 2.4.2.2, and the detailed assessment is provided in Appendix C. As described above, although the rail line does not quantify as a major service and maintenance rail yard, the potential health risk impacts from the nearby rail line TAC

emissions are included for disclosure purposes. Table 12 summarizes the HRA results from I-5 and SR-76. The health risk impacts from the rail line are included in Appendix C for disclosure purposes only.

Table 12. Summary of Maximum Roadway Cancer and Chronic Health Risks - Unmitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Roadway HRA	Maximum Roadway Cancer Risk (I-5 & SR-76)	Per Million	12.02	10	**Potentially Significant**
Roadway HRA	Chronic Hazard Index	Index Value	0.003	1.0	Less than Significant

Source: See Appendix C for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment; N/A = not applicable

As shown in Table 12, the HRA results from the unmitigated exposure to I-5 and SR-76 scenario show cancer risks exceeding the 10 in 1 million threshold. Therefore, TAC emissions from exposure to I-5 and SR-76 would result in a **potentially significant** impact and thus mitigation is required.

To reduce impacts on the future residences from I-5 and SR-76, the following MM-AQ-2a and MM-AQ-2b shall be implemented.

MM-AQ-2a Prior to the issuance of a construction permit, the City shall verify that the construction plan notes identify the following:

The applicant or its successor shall install high-efficiency return air filters on all heating, ventilation, and air conditioning (HVAC) systems serving the project. The air filtration system shall reduce at least 90% of particulate matter emissions, such as can be achieved with a Minimum Efficiency Reporting Value 13 (MERV 13) air filtration system installed on return vents in residential units.

MM-AQ-2b Prior to the issuance of a certificate of occupancy, the City shall verify the following:

The City shall verify the installation of the MERV 13 air filtration system on any HVAC system installed for the specified residential units in accordance with the manufacturer's recommendations for the life of the project. On-going maintenance of the installed filtration systems shall be the responsibility of the applicant or its successor.

In order to reduce exposure to future residential receptors from exposure to I-5 and SR-76, the project would implement MM-AQ-2a and MM-AQ-2b. The HRA results after incorporation of MM-AQ-2a and MM-AQ-2b are presented in Table 13.

Table 13. Summary of Maximum Roadway Cancer and Chronic Health Risks - Mitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Roadway HRA	Maximum Roadway Cancer Risk (I-5 & SR-76)	Per Million	2.61	10	Less than Significant
Roadway HRA	Chronic Hazard Index	Index Value	0.0003	1.0	Less than Significant

Source: See Appendix C for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment; N/A = not applicable

As shown in Table 13, with implementation of MM-AQ-2a and MM-AQ-2b, the HRA finds that exposure from I-5 and SR-76 would result in a potential cancer risk at the maximally exposed residential receptor of 2.61 in a million, which would not exceed the 10 in 1 million threshold and thus be **less than significant** with mitigation[8].

Valley Fever

As discussed in Section 2.1.2.2, valley fever is not highly endemic to San Diego County, and within San Diego County the incidents rate in the project area is below the County average as well as the statewide average. The project would be consistent with SDAPCD Rule 55 which limits the amount of fugitive dust generated during construction and would also control the release of the *Coccidioides immitis* fungus from construction activities by watering three times per day and limiting speed on unpaved roads to 15 miles per hour. The closest sensitive receptors (mobile homes) are located adjacent to the west and south boundary of the project site. Based on the low incidence rate of Coccidioidomycosis in the project area and in greater San Diego County, and the 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 project would have a **less-than-significant** impact with respect to valley fever exposure to sensitive receptors.

Health Impacts of Carbon Monoxide

The project's Traffic Impact Analysis evaluated 12 intersections. As determined by the Traffic Impact Analysis, the Harbor Drive–North Coast Highway and I-5 Southbound Ramp intersection would operate at LOS F under Buildout Year (2035) and would continue to operate at LOS F in the PM peak hour under the Buildout Year (2035) Plus Project Conditions. However, the Harbor Drive–North Coast Highway and I-5 Southbound Ramp intersection 4,060 PM peak hour trips would exceed 3,000; therefore, a CO hotspot assessment was prepared. The remaining key intersections operate at an acceptable LOS during the AM and PM peak hours in the scenarios evaluated.

[8] While not required per CARB's guidance (CARB 2015), the HRA includes an analysis of cancer risk including the nearby train tracks. This analysis discloses the impacts of the existing environment on the project. The HRA predicts the potential exposure to future residents of the project from TAC emissions related to vehicles traveling on I-5 and SR-76, in combination with TAC emissions related to locomotives. This information is included in the HRA (Appendix I) for disclosure purposes only. The HRA finds that the mitigation measures already required to mitigate potential impacts due to roadway emissions (MM-AQ-2a and MM-AQ-2b) would also provide mitigation of the combined exposure from. With implementation of MM-AQ-2a and MM-AQ-2b , the HRA results from the combined I-5, SR-76, and nearby train tracks mitigated scenario show a cancer risk impact of 8.92 in 1 million, which would not exceed the SDAPCD significance threshold.

The results represent the Buildout Year 2035 Plus Project Conditions traffic volumes. Based on the CO hotspot screening evaluation (Appendix B), the intersection of Harbor Drive–North Coast Highway and I-5 Southbound Ramp was modeled as it was the only intersection meeting the County's recommendation as discussed previously. The potential impact of the project on local CO levels was assessed at these intersections with the Caltrans CL4 interface based on the California LINE Source Dispersion Model (CALINE4), which allows microscale CO concentrations to be estimated along each roadway corridor or near intersections (Caltrans 1998a).

The emissions factor represents the weighted average emissions rate of the local County vehicle fleet expressed in grams per mile per vehicle. Consistent with the traffic scenario, emissions factors for 2035 were used for the modeled intersection. Emissions factors for 2035 were predicted by EMFAC 2014 based on a 5-mile-per-hour average speed for all of the intersections for approach and departure segments. The hourly traffic volume anticipated to travel on each link, in units of vehicles per hour, was based on information provided by the traffic consultant and modeling assumptions are outlined in Appendix B.

Consistent with the California Department of Transportation (Caltrans) and the U.C. Davis Institute of Transportation Studies *Transportation Project-Level Carbon Monoxide Protocol* (CO Protocol) (Caltrans 2010), four receptor locations at each intersection were modeled to determine CO ambient concentrations. A receptor was assumed on the sidewalk at each corner of the modeled intersections, for a total of four receptors adjacent to the intersection, to represent the future possibility of extended outdoor exposure. CO concentrations were modeled at these locations to assess the maximum potential CO exposure that could occur in 2035. A receptor height of 5.9 feet (1.8 meters) was used in accordance with Caltrans recommendations for all receptor locations (Caltrans 1998b).

The maximum 1-hour CO concentration measured at the El Cajon – First Street and Floyd Smith Drive monitoring stations in El Cajon over the last 3 years was 1.6 parts per million, which was measured in 2016. This maximum 1-hour concentration value is used as the background concentration when evaluating the addition of the vehicle generated CO emissions. To estimate an 8-hour average CO concentration, a persistence factor of 0.7, as calculated based on Caltrans guidance (Caltrans 2010), was applied to the output values of predicted concentrations in parts per million at each of the receptor locations.

The results of the model are shown in Table 14. Model input and output data are provided in Appendix B.

Table 14. CALINE4 Predicted Carbon Monoxide Concentrations

Intersection	Maximum Modeled Impact for Buildout Year 2035 Plus Project Conditions (ppm)	
	1-hour	*8-hours*
Harbor Drive–North Coast Highway and I-5 Southbound Ramp (PM peak hour)	2.0	1.6

Source: Caltrans 1998a (CALINE4).
Notes:
CO = carbon monoxide; ppm = parts per million.
See Appendix B.
[a] 8-hour concentrations were obtained by multiplying the 1-hour concentration by a persistence factor of 0.7 (Caltrans 2010).

As shown in Table 14, the maximum CO concentration predicted for the 1-hour averaging period at the studied intersections would be 2.0 parts per million (ppm), which is below the 1-hour CO CAAQS of 20 ppm (CARB 2016b). The maximum predicted 8-hour CO concentration of 1.6 ppm at the studied intersections would be below the 8-hour CO

CAAQS of 9 ppm (CARB 2016b). Neither the 1-hour nor 8-hour CAAQS would be equaled or exceeded at the intersection studied. Impacts would be **less than significant** to sensitive receptors with regard to potential CO hotspots.

Health Effects of Other Criteria Air Pollutants

Project construction and operation would not exceed SDAPCD thresholds for VOC, NO_x, CO, SO_x, PM_{10}, or $PM_{2.5}$.

Table 15 presents a list of the criteria pollutants and other related pollutants of concern, emission sources, associated health effects, and current SDAB attainment status.

Table 15. Pollutants, Sources, Health Effects, and Attainment Status

Pollutant	Sources	Health Effects	Attainment Status	
			NAAQS	*CAAQS*
O_3	Formed when VOCs and NO_x react in the presence of sunlight. VOC sources include any source that burns fuels (e.g., gasoline, natural gas, wood, oil); solvents; petroleum processing and storage.	Breathing difficulties, lung tissue damage, vegetation damage, damage to rubber and some plastics.	Nonattainment	Nonattainment
PM_{10}	Road dust, windblown dust, agriculture and construction, fireplaces. Also formed from other pollutants (NO_x, SO_x, organics). Incomplete combustion.	Increased respiratory disease, lung damage, cancer, premature death, reduced visibility, surface soiling.	Unclassifiable/ Attainment	Nonattainment
$PM_{2.5}$	Fuel combustion in motor vehicles, equipment, and industrial sources; residential and agricultural burning. Also formed from reaction of other pollutants (NO_x, SO_x, organics, and NH_3).	Increases respiratory disease, lung damage, cancer, and premature death, reduced visibility, surface soiling. Particles can aggravate heart diseases such as congestive heart failure and coronary artery disease.	Unclassifiable/ Attainment	Nonattainment
CO	Any source that burns fuel such as automobiles, trucks, heavy construction and farming equipment, residential heating.	Chest pain in heart patients, headaches, reduced mental alertness.	Attainment	Attainment
NO_2	See carbon monoxide.	Lung irritation and damage. Reacts in the atmosphere to form ozone and acid rain.	Unclassifiable/ Attainment	Attainment
Lead	Metal smelters, resource recovery, leaded gasoline, deterioration of lead paint.	Learning disabilities, brain and kidney damage.	Unclassifiable/ Attainment	Attainment
SO_2	Coal or oil burning power plants and industries, refineries, diesel engines.	Increases lung disease and breathing problems for asthmatics. Reacts in the atmosphere to form acid rain.	Unclassifiable/ Attainment	Attainment

Table 15. Pollutants, Sources, Health Effects, and Attainment Status

Pollutant	Sources	Health Effects	Attainment Status	
Sulfates	Produced by reaction in the air of SO_2, (see SO_2 sources), a component of acid rain.	Breathing difficulties aggravates asthma, reduced visibility.	(no federal standard)	Attainment
Hydrogen Sulfide	Geothermal power plants, petroleum production and refining, sewer gas.	Nuisance odor (rotten egg smell), headache and breathing difficulties (higher concentrations).	(no federal standard)	Unclassified
Visibly Reducing Particles	See $PM_{2.5}$	Reduced visibility (e.g., obscures mountains and other scenery), reduced airport safety.	(no federal standard)	Unclassified
Vinyl Chloride	Exhaust gases from factories that manufacture or process vinyl chloride (construction, packaging, and transportation industries)	Central nervous system effects (e.g., dizziness, drowsiness, headaches), kidney irritation, liver damage, liver cancer.	N/A	N/A

Sources: County of San Diego 2007 (pollutant descriptions); EPA 2018b (federal); CARB 2019a (state).
Notes: O_3 = ozone; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; CO = carbon monoxide; NO_2 = nitrogen dioxide; SO_2 = sulfur dioxide.

VOCs and NO_x are precursors to O_3, for which the SDAB is designated as nonattainment with respect to the NAAQS and CAAQS. The health effects associated with O_3 are generally associated with reduced lung function. The contribution of VOCs and NO_x to regional ambient O_3 concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SDAB due to O_3 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_3 concentrations would also depend on the time of year that the VOC emissions would occur because exceedances of the O_3 CAAQS/NAAQS tend to occur between April and October when solar radiation is highest. Due to the lack of quantitative methods to assess this complex photochemistry, the holistic effect of a single project's emissions of O_3 precursors is speculative. Construction and operation of the project would not exceed SDAPCD thresholds for VOC and NO_x; thus, implementation of the project would not contribute significant health effects associated with O_3. Additionally, SDAPCD Rule 67.0.1 restricts the VOC content of coatings for both construction and operational applications.

Health effects associated with NO_x include lung irritation and enhanced allergic responses (CARB 2019a). Construction of the project would not contribute to exceedances of the NAAQS and CAAQS for NO_2. Health effects that result from NO_2 and NO_x include respiratory irritation, which could be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. 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_2 concentrations in the area are well below the NAAQS and CAAQS standards. Operation of the project would not require use of any stationary sources (e.g., diesel generators and boilers) that would create substantial, localized NO_x impacts.

Health effects associated with CO include chest pain in patients with heart disease, headache, light-headedness, and reduced mental alertness (CARB 2019a). CO tends to be a localized impact associated with congested intersections. The associated potential for CO hotspots were discussed previously and are determined to be a

less-than-significant impact. Thus, the project's CO emissions would not contribute to significant health effects associated with this pollutant.

Health effects associated with PM_{10} include premature death and hospitalization, primarily for worsening of respiratory disease (CARB 2019a). Construction and operation of the project would also not exceed thresholds for PM_{10} or $PM_{2.5}$ and would not contribute to exceedances of the NAAQS and CAAQS for particulate matter or would obstruct the SDAB from coming into attainment for these pollutants. The project would also not result in substantial DPM emissions during construction and operation, and therefore, would not result in significant health effects related to DPM exposure. Additionally, the project would implement dust control strategies and be required to comply with SDAPCD Rule 55, which limits the amount of fugitive dust generated during construction. Due to the minimal contribution of particulate matter during construction and operation, the project is not anticipated to result in health effects associated with PM_{10} or $PM_{2.5}$.

In summary, because construction of the 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.**

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

2.5.4 Threshold 4

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

The State of California Health and Safety Code, Division 26, Part 4, Chapter 3, Section 41700 SDAPCD Rule 51, and City of Oceanside Municipal Code Section 13.16, commonly referred to as public nuisance law, prohibits emissions from any source whatsoever in such quantities of air contaminants or other material that cause injury, detriment, nuisance, or annoyance to the public health or damage to property. Projects required to obtain permits from SDAPCD are evaluated by SDAPCD staff for potential odor nuisance, and conditions may be applied (or control equipment required) where necessary to prevent occurrence of public nuisance.

SDAPCD Rule 51 (Public Nuisance) also prohibits emission of any material that causes nuisance to a considerable number of persons or endangers the comfort, health, or safety of any person. 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. Odor issues are very subjective by the nature of odors themselves and due to the fact that their measurements are difficult to quantify. As a result, this guideline is qualitative and will focus on the existing and potential surrounding uses and location of sensitive receptors.

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

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

Land uses and industrial operations that are associated with odor complaints include agricultural uses, wastewater treatment plants, food processing plants, chemical plants, composting, refineries, landfills, dairies, and fiberglass molding facilities. The project entails residential and retail buildings and an associated parking structure and would not result in the creation of a land use that is commonly associated with odors. Therefore, project operations would not result in odor emissions, and the project impact would be **less than significant.**

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

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3 Greenhouse Gas Emissions

3.1 Environmental Setting

3.1.1 Climate Change Overview

Climate change refers to any significant change in measures of climate, such as temperature, precipitation, or wind patterns, lasting for an extended period of time (i.e., decades or longer). The Earth's temperature depends on the balance between energy entering and leaving the planet's system. Many factors, both natural and human, can cause changes in Earth's energy balance, including variations in the sun's energy reaching Earth, changes in the reflectivity of Earth's atmosphere and surface, and changes in the greenhouse effect, which affects the amount of heat retained by Earth's atmosphere (EPA 2017a).

The greenhouse effect is the trapping and build-up of heat in the atmosphere (troposphere) near the Earth's surface. The greenhouse effect traps heat in the troposphere through a threefold process as follows: Short-wave radiation emitted by the Sun is absorbed by the Earth, the Earth emits a portion of this energy in the form of long-wave radiation, and GHGs in the upper atmosphere absorb this long-wave radiation and emit it into space and toward the Earth. The greenhouse effect is a natural process that contributes to regulating the Earth's temperature and creates a pleasant, livable environment on the Earth. Human activities that emit additional GHGs to the atmosphere increase the amount of infrared radiation that gets absorbed before escaping into space, thus enhancing the greenhouse effect and causing the Earth's surface temperature to rise.

The scientific record of the Earth's climate shows that the climate system varies naturally over a wide range of time scales and that, in general, climate changes prior to the Industrial Revolution in the 1700s can be explained by natural causes such as changes in solar energy, volcanic eruptions, and natural changes in GHG concentrations. Recent climate changes, in particular the warming observed over the past century, however, cannot be explained by natural causes alone. Rather, it is extremely likely that human activities have been the dominant cause of that warming since the mid-twentieth century and is the most significant driver of observed climate change (IPCC 2013; EPA 2017a). Human influence on the climate system is evident from the increasing GHG concentrations in the atmosphere, positive radiative forcing, observed warming, and improved understanding of the climate system (IPCC 2013). The atmospheric concentrations of GHGs have increased to levels unprecedented in the last 800,000 years, primarily from fossil fuel emissions and secondarily from emissions associated with land use changes (IPCC 2013). Continued emissions of GHGs will cause further warming and changes in all components of the climate system, which is discussed further in Section 3.3.2, Potential Effects of Climate Change.

3.1.2 Greenhouse Gases

A GHG is any gas that absorbs infrared radiation in the atmosphere; in other words, GHGs trap heat in the atmosphere. As defined in California Health and Safety Code, Section 38505(g), for purposes of administering many of the state's primary GHG emissions reduction programs, GHGs include carbon dioxide (CO_2), methane (CH_4), nitrous oxide (N_2O), hydrofluorocarbons (HFCs), perfluorocarbons (PFCs), sulfur hexafluoride (SF_6), and nitrogen

trifluoride (NF_3). (See also CEQA Guidelines, Section 15364.5.)[9] Some GHGs, such as CO_2, CH_4, and N_2O, occur naturally and are emitted into the atmosphere through natural processes and human activities. Of these gases, CO_2 and CH_4 are emitted in the greatest quantities from human activities. Manufactured GHGs, which have a much greater heat-absorption potential than CO_2, include fluorinated gases, such as HFCs, PFCs, and SF_6, which are associated with certain industrial products and processes. The following paragraphs provide a summary of the most common GHGs and their sources.[10]

Carbon Dioxide. CO_2 is a naturally occurring gas and a by-product of human activities and is the principal anthropogenic GHG that affects the Earth's radiative balance. Natural sources of CO_2 include respiration of bacteria, plants, animals, and fungus; evaporation from oceans; volcanic out-gassing; and decomposition of dead organic matter. Human activities that generate CO_2 are from the combustion of fuels such as coal, oil, natural gas, and wood and changes in land use.

Methane. CH_4 is produced through both natural and human activities. CH_4 is a flammable gas and is the main component of natural gas. Methane is produced through anaerobic (without oxygen) decomposition of waste in landfills, flooded rice fields, animal digestion, decomposition of animal wastes, production and distribution of natural gas and petroleum, coal production, and incomplete fossil fuel combustion.

Nitrous Oxide. N_2O is produced through natural and human activities, mainly through agricultural activities and natural biological processes, although fuel burning and other processes also create N_2O. Sources of N_2O include soil cultivation practices (microbial processes in soil and water), especially the use of commercial and organic fertilizers, manure management, industrial processes (such as in nitric acid production, nylon production, and fossil-fuel-fired power plants), vehicle emissions, and using N_2O as a propellant (e.g., rockets, racecars, and aerosol sprays).

Fluorinated Gases. Fluorinated gases (also referred to as F-gases) are synthetic powerful GHGs emitted from many industrial processes. Fluorinated gases are commonly used as substitutes for stratospheric ozone-depleting substances (e.g., Chlorofluorocarbons [CFCs], hydrochlorofluorocarbons [HCFCs], and halons). The most prevalent fluorinated gases include the following:

- **Hydrofluorocarbons:** HFCs are compounds containing only hydrogen, fluorine, and carbon atoms. HFCs are synthetic chemicals used as alternatives to ozone-depleting substances in serving many industrial, commercial, and personal needs. HFCs are emitted as by-products of industrial processes and are used in manufacturing.
- **Perfluorocarbons:** PFCs are a group of human-made chemicals composed of carbon and fluorine only. These chemicals were introduced as alternatives, with HFCs, to the ozone-depleting substances. The two main sources of PFCs are primary aluminum production and semiconductor manufacturing. Since PFCs have stable molecular structures and do not break down through the chemical processes in the lower atmosphere, these chemicals have long lifetimes, ranging between 10,000 and 50,000 years.

[9] Climate-forcing substances include GHGs and other substances such as black carbon and aerosols. This discussion focuses on the seven GHGs identified in California Health and Safety Code Section 38505, as impacts associated with other climate-forcing substances are not evaluated herein.

[10] The descriptions of GHGs are summarized from the Intergovernmental Panel on Climate Change (IPCC) Second Assessment Report (1995), IPCC Fourth Assessment Report (2007), CARB's "Glossary of Terms Used in GHG Inventories" (2018b), and EPA's "Glossary of Climate Change Terms" (2016d).

- **Sulfur Hexafluoride:** SF_6 is a colorless gas soluble in alcohol and ether and slightly soluble in water. SF_6 is used for insulation in electric power transmission and distribution equipment, semiconductor manufacturing, the magnesium industry, and as a tracer gas for leak detection.
- **Nitrogen Trifluoride:** NF_3 is used in the manufacture of a variety of electronics, including semiconductors and flat panel displays.
- **Chlorofluorocarbons.** CFCs are synthetic chemicals that have been used as cleaning solvents, refrigerants, and aerosol propellants. CFCs are chemically unreactive in the lower atmosphere (troposphere), and the production of CFCs was prohibited in 1987 due to the chemical destruction of stratospheric O_3.
- **Hydrochlorofluorocarbons**. HCFCs are a large group of compounds, whose structure is very close to that of CFCs—containing hydrogen, fluorine, chlorine, and carbon atoms—but including one or more hydrogen atoms. Like HFCs, HCFCs are used in refrigerants and propellants. HCFCs were also used in place of CFCs for some applications; however, their use in general is being phased out.

Black Carbon. Black carbon is a component of fine particulate matter ($PM_{2.5}$), which has been identified as a leading environmental risk factor for premature death. It is produced from the incomplete combustion of fossil fuels and biomass burning, particularly from older diesel engines and forest fires. Black carbon warms the atmosphere by absorbing solar radiation, influences cloud formation, and darkens the surface of snow and ice, which accelerates heat absorption and melting. Black carbon is a short-lived substance that varies spatially, which makes it difficult to quantify the global warming potential (GWP). Diesel particulate matter emissions are a major source of black carbon and are TACs that have been regulated and controlled in California for several decades to protect public health. In relation to declining DPM from CARB's regulations pertaining to diesel engines, diesel fuels, and burning activities, CARB estimates that annual black carbon emissions in California have reduced by 70% between 1990 and 2010, with 95% control expected by 2020 (CARB 2014).

Water Vapor. The primary source of water vapor is evaporation from the ocean, with additional vapor generated by sublimation (change from solid to gas) from ice and snow, evaporation from other water bodies, and transpiration from plant leaves. Water vapor is the most important, abundant, and variable GHG in the atmosphere and maintains a climate necessary for life.

Ozone. Tropospheric O_3, which is created by photochemical reactions involving gases from both natural sources and human activities, acts as a GHG. Stratospheric O_3, which is created by the interaction between solar ultraviolet radiation and molecular oxygen (O_2), plays a decisive role in the stratospheric radiative balance. Depletion of stratospheric O_3, due to chemical reactions that may be enhanced by climate change, results in an increased ground-level flux of ultraviolet-B radiation.

Aerosols. Aerosols are suspensions of particulate matter in a gas emitted into the air through burning biomass (plant material) and fossil fuels. Aerosols can warm the atmosphere by absorbing and emitting heat and can cool the atmosphere by reflecting light.

3.1.3 Global Warming Potential

Gases in the atmosphere can contribute to climate change both directly and indirectly. Direct effects occur when the gas itself absorbs radiation. Indirect radiative forcing occurs when chemical transformations of the substance produce other GHGs, when a gas influences the atmospheric lifetimes of other gases, and/or when a gas affects atmospheric processes that alter the radiative balance of the Earth (e.g., affect cloud formation or albedo) (EPA

2016d). The Intergovernmental Panel on Climate Change developed the GWP concept to compare the ability of each GHG to trap heat in the atmosphere relative to another gas. The GWP of a GHG is defined as the ratio of the time-integrated radiative forcing from the instantaneous release of 1 kilogram of a trace substance relative to that of 1 kilogram of a reference gas (IPCC 2014). The reference gas used is CO_2; therefore, GWP-weighted emissions are measured in metric tons of CO_2 equivalent (MT CO_2e).

The current version of CalEEMod (version 2016.3.2) assumes that the GWP for CH_4 is 25 (so emissions of 1 MT of CH_4 are equivalent to emissions of 25 MT of CO_2), and the GWP for N_2O is 298, based on the Intergovernmental Panel on Climate Change Fourth Assessment Report (IPCC 2007). The GWP values identified in CalEEMod were applied to the project.

3.2 Regulatory Setting

3.2.1 Federal Regulations

Massachusetts v. EPA. In *Massachusetts v. EPA* (April 2007), the U.S. Supreme Court directed the EPA administrator to determine whether GHG emissions from new motor vehicles cause or contribute to air pollution that may reasonably be anticipated to endanger public health or welfare, or whether the science is too uncertain to make a reasoned decision. In December 2009, the administrator signed a final rule with the following two distinct findings regarding GHGs under Section 202(a) of the federal Clean Air Act:

- The administrator found that elevated concentrations of GHGs—CO_2, CH_4, N_2O, HFCs, PFCs, and SF_6—in the atmosphere threaten the public health and welfare of current and future generations. This is the "endangerment finding."
- The administrator further found the combined emissions of GHGs—CO_2, CH_4, N_2O, and HFCs—from new motor vehicles and new motor vehicle engines contribute to the GHG air pollution that endangers public health and welfare. This is the "cause or contribute finding."

These two findings were necessary to establish the foundation for regulation of GHGs from new motor vehicles as air pollutants under the Clean Air Act.

Energy Independence and Security Act of 2007. The Energy Independence and Security Act of 2007 (December 2007), among other key measures, would do the following, which would aid in the reduction of national GHG emissions (EPA 2007):

- Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
- Set a target of 35 miles per gallon for the combined fleet of cars and light trucks by model year 2020, and directs National Highway Traffic Safety Administration (NHTSA) to establish a fuel economy program for medium- and heavy-duty trucks and create a separate fuel economy standard for work trucks.
- Prescribe or revise standards affecting regional efficiency for heating and cooling products and procedures for new or amended standards, energy conservation, energy-efficiency labeling for consumer electronic products, residential boiler efficiency, electric motor efficiency, and home appliances.

Federal Vehicle Standards. In response to the U.S. Supreme Court ruling previously discussed, the Bush Administration issued Executive Order (EO) 13432 in 2007 directing the EPA, the Department of Transportation, and the Department of Energy to establish regulations that reduce GHG emissions from motor vehicles, non-road vehicles, and non-road engines by 2008. In 2009, the NHTSA issued a final rule regulating fuel efficiency and GHG emissions from cars and light-duty trucks for model year 2011, and in 2010, the EPA and NHTSA issued a final rule regulating cars and light-duty trucks for model years 2012–2016 (75 FR 25324–25728).

In 2010, President Barack Obama issued a memorandum directing the Department of Transportation, Department of Energy, EPA, and NHTSA to establish additional standards regarding fuel efficiency and GHG reduction, clean fuels, and advanced vehicle infrastructure. In response to this directive, EPA and NHTSA proposed stringent, coordinated federal GHG and fuel economy standards for model years 2017–2025 light-duty vehicles. The proposed standards projected to achieve 163 grams per mile of CO_2 in model year 2025, on an average industry fleet-wide basis, which is equivalent to 54.5 miles per gallon if this level were achieved solely through fuel efficiency. The final rule was adopted in 2012 for model years 2017–2021 (77 FR 62624–63200). On January 12, 2017, the EPA finalized its decision to maintain the current GHG emissions standards for model years 2022–2025 cars and light trucks (EPA 2017b).

In addition to the regulations applicable to cars and light-duty trucks described above, in 2011, the EPA and NHTSA announced fuel economy and GHG standards for medium- and heavy-duty trucks for model years 2014–2018 (76 FR 57106–57513). The standards for CO_2 emissions and fuel consumption are tailored to three main vehicle categories: combination tractors, heavy-duty pickup trucks and vans, and vocational vehicles. According to the EPA, this regulatory program will reduce GHG emissions and fuel consumption for the affected vehicles by 6%–23% over the 2010 baselines.

In August 2016, the EPA and NHTSA announced the adoption of the phase two program related to the fuel economy and GHG standards for medium- and heavy-duty trucks. The phase two program will apply to vehicles with model year 2018 through 2027 for certain trailers, and model years 2021 through 2027 for semi-trucks, large pickup trucks, vans, and all types and sizes of buses and work trucks. The final standards are expected to lower CO_2 emissions by approximately 1.1 billion MT and reduce oil consumption by up to 2 billion barrels over the lifetime of the vehicles sold under the program (EPA and NHTSA 2016).

Clean Power Plan and New Source Performance Standards for Electric Generating Units. On October 23, 2015, EPA published a final rule (effective December 22, 2015) establishing the Carbon Pollution Emission Guidelines for Existing Stationary Sources: Electric Utility Generating Units (80 FR 64510–64660), also known as the Clean Power Plan. These guidelines prescribe how states must develop plans to reduce GHG emissions from existing fossil-fuel-fired electric generating units. The guidelines establish CO_2 emission performance rates representing the best system of emission reduction for two subcategories of existing fossil-fuel-fired electric generating units: (1) fossil-fuel-fired electric utility steam-generating units, and (2) stationary combustion turbines. Concurrently, the EPA published a final rule (effective October 23, 2015) establishing Standards of Performance for Greenhouse Gas Emissions from New, Modified, and Reconstructed Stationary Sources: Electric Utility Generating Units (80 FR 64661–65120). The rule prescribes CO_2 emission standards for newly constructed, modified, and reconstructed affected fossil-fuel-fired electric utility generating units. The U.S. Supreme Court stayed implementation of the Clean Power Plan pending resolution of several lawsuits.

3.2.2 State Regulations

The statewide GHG emissions regulatory framework is summarized below by category: state climate change targets, building energy, renewable energy and energy procurement, mobile sources, solid waste, water, and other state regulations and goals. The following text describes EOs, legislation, regulations, and other plans and policies that would directly or indirectly reduce GHG emissions and/or address climate change issues.

State Climate Change Targets

The state has taken a number of actions to address climate change. These include EOs, legislation, and CARB plans and requirements. These are summarized below.

EO S-3-05. EO S-3-05 (June 2005) established California's GHG emissions reduction targets and laid out responsibilities among the state agencies for implementing the EO and for reporting on progress toward the targets. This EO established the following targets:

- By 2010, reduce GHG emissions to 2000 levels
- By 2020, reduce GHG emissions to 1990 levels
- By 2050, reduce GHG emissions to 80% below 1990 levels

EO S-3-05 also directed the California Environmental Protection Agency to report biannually on progress made toward meeting the GHG targets and the impacts to California due to global warming, including impacts to water supply, public health, agriculture, the coastline, and forestry. The Climate Action Team was formed, which subsequently issued reports from 2006 to 2010 (CAT 2016).

AB 32. In furtherance of the goals established in EO S-3-05, the Legislature enacted AB 32 (Núñez and Pavley). The bill is referred to as the California Global Warming Solutions Act of 2006 (September 27, 2006). AB 32 provided initial direction on creating a comprehensive multiyear program to limit California's GHG emissions at 1990 levels by 2020 and initiate the transformations required to achieve the state's long-range climate objectives.

SB 32 and AB 197. SB 32 and AB 197 (enacted in 2016) are companion bills. SB 32 codified the 2030 emissions reduction goal of EO B-30-15 by requiring CARB to ensure that statewide GHG emissions are reduced to 40% below 1990 levels by 2030. AB 197 established the Joint Legislative Committee on Climate Change Policies, consisting of at least three members of the Senate and three members of the Assembly, in order to provide ongoing oversight over implementation of the state's climate policies. AB 197 also added two members of the Legislature to the Board as nonvoting members; requires CARB to make available and update (at least annually via its website) emissions data for GHGs, criteria air pollutants, and TACs from reporting facilities; and requires CARB to identify specific information for GHG emissions reduction measures when updating the scoping plan.

CARB's 2007 Statewide Limit. In 2007, in accordance with California Health and Safety Code, Section 38550, CARB approved a statewide limit on the GHG emissions level for year 2020 consistent with the determined 1990 baseline (427 million metric tons [MMT] CO_2e).

CARB's Climate Change Scoping Plan. One specific requirement of AB 32 is for CARB to prepare a "scoping plan" for achieving the maximum technologically feasible and cost-effective GHG emission reductions by 2020 (Health and Safety Code, Section 38561(a)), and to update the plan at least once every 5 years. In 2008, CARB approved the first scoping plan. The Climate Change Scoping Plan: A Framework for Change (Scoping Plan) included a mix of recommended strategies that combined direct regulations, market-based approaches, voluntary measures, policies, and other emission reduction programs calculated to meet the 2020 statewide GHG emission limit and initiate the transformations needed to achieve the state's long-range climate objectives. The key elements of the Scoping Plan include the following (CARB 2008):

1. Expanding and strengthening existing energy efficiency programs as well as building and appliance standards.
2. Achieving a statewide renewable energy mix of 33%.
3. Developing a California cap-and-trade program that links with other Western Climate Initiative partner programs to create a regional market system and caps sources contributing 85% of California's GHG emissions.
4. Establishing targets for transportation-related GHG emissions for regions throughout California, and pursuing policies and incentives to achieve those targets.
5. Adopting and implementing measures pursuant to existing state laws and policies, including California's clean car standards, goods movement measures, and the Low Carbon Fuel Standard (LCFS) (17 CCR, Section 95480 et seq.).
6. Creating targeted fees, including a public goods charge on water use, fees on high GWP gases, and a fee to fund the administrative costs of the State of California's long-term commitment to AB 32 implementation

The Scoping Plan also identified local governments as essential partners in achieving California's goals to reduce GHG emissions because they have broad influence and, in some cases, exclusive authority over activities that contribute to significant direct and indirect GHG emissions through their planning and permitting processes, local ordinances, outreach and education efforts, and municipal operations. Specifically, the Scoping Plan encouraged local governments to adopt a reduction goal for municipal operations and for community emissions to reduce GHGs by approximately 15% from then levels (2008) by 2020. Many local governments developed community-scale local GHG reduction plans based on this Scoping Plan recommendation.

In 2014, CARB approved the first update to the Scoping Plan. The First Update to the Climate Change Scoping Plan: Building on the Framework (First Update) defined the state's GHG emission reduction priorities for the next 5 years and laid the groundwork to start the transition to the post-2020 goals set forth in EOs S-3-05 and B-16-2012. The First Update concluded that California is on track to meet the 2020 target, but recommended a 2030 mid-term GHG reduction target be established to ensure a continuum of action to reduce emissions. The First Update recommended a mix of technologies in key economic sectors to reduce emissions through 2050, including energy demand reduction through efficiency and activity changes; large-scale electrification of on-road vehicles, buildings, and industrial machinery; decarbonizing electricity and fuel supplies; and the rapid market penetration of efficient and clean energy technologies. As part of the First Update, CARB recalculated the state's 1990 emissions level, using more recent GWPs identified by the Intergovernmental Panel on Climate Change, from 427 MMT CO_2e to 431 MMT CO_2e.

In 2015, as directed by EO B-30-15, CARB began working on an update to the Scoping Plan to incorporate the 2030 target of 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in S-3-05. The

governor called on California to pursue a new and ambitious set of strategies, in line with the five climate change pillars from his inaugural address, to reduce GHG emissions and prepare for the unavoidable impacts of climate change. In the summer of 2016, the Legislature affirmed the importance of addressing climate change through passage of SB 32 (Pavley, Chapter 249, Statutes of 2016).

In January 2017, CARB released the 2017 Climate Change Scoping Plan Update (2030 Scoping Plan) for public review and comment (CARB 2017). The 2030 Scoping Plan builds on the successful framework established in the initial Scoping Plan and First Update, while identifying new, technologically feasible and cost-effective strategies that will serve as the framework to achieve the 2030 GHG target and define the state's climate change priorities to 2030 and beyond. The strategies' "known commitments" include implementing renewable energy and energy efficiency (including the mandates of SB 350), increased stringency of the LCFS, measures identified in the Mobile Source and Freight Strategies, measures identified in the proposed Short-Lived Climate Pollutant Plan, and increased stringency of SB 375 targets. To fill the gap in additional reductions needed to achieve the 2030 target, it recommends continuing the Cap-and-Trade Program and a measure to reduce GHGs from refineries by 20%.

For local governments, the 2030 Scoping Plan replaced the initial Scoping Plan's 15% reduction goal with a recommendation to aim for a community-wide goal of no more than 6 MT CO_2e per capita by 2030 and no more than 2 MT CO_2e per capita by 2050, which are consistent with the state's long-term goals. These goals are also consistent with the Under 2 MOU (Under 2 2017) and the Paris Agreement, which are developed around the scientifically based levels necessary to limit global warming below 2°C. The 2030 Scoping Plan recognized the benefits of local government GHG planning (e.g., through climate action plans [CAPs]) and provide more information regarding tools CARB is working on to support those efforts. It also recognizes the CEQA streamlining provisions for project level review where there is a legally adequate CAP.[11] The Second Update was approved by CARB's Governing Board on December 14, 2017.

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32, SB 32, and the EOs and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. A project is considered consistent with the statutes and EOs if it meets the general policies in reducing GHG emissions to facilitate the achievement of the state's goals and does not impede attainment of those goals. As discussed in several cases, a given project need not be in perfect conformity with every planning policy or goals to be consistent. A project would be consistent, if it will further the objectives and not obstruct their attainment.

CARB's Regulations for the Mandatory Reporting of Greenhouse Gas Emissions. CARB's Regulation for the Mandatory Reporting of Greenhouse Gas Emissions (17 CCR 95100–95157) incorporated by reference certain requirements that EPA promulgated in its Final Rule on Mandatory Reporting of Greenhouse Gases (Title 40, CFR, Part 98). Specifically, Section 95100(c) of the Mandatory Reporting Regulation incorporated those requirements that EPA promulgated in the Federal Register on October 30, 2009; July 12, 2010; September 22, 2010; October 28, 2010; November 30, 2010; December 17, 2010; and April 25, 2011. In general, entities subject to the Mandatory Reporting Regulation that emit over 10,000 MT CO_2e per year are required to report annual GHGs

[11] *Sierra Club v. County of Napa* (2004) 121 Cal.App.4th 1490; *San Francisco Tomorrow et al. v. City and County of San Francisco* (2015) 229 Cal.App.4th 498; *San Franciscans Upholding the Downtown Specific Plan v. City and County of San Francisco* (2002) 102 Cal.App.4th 656; *Sequoyah Hills Homeowners Assn. v. City of Oakland* (1993) 23 Cal.App.4th 704, 719.

through the California Electronic GHG Reporting Tool. Certain sectors, such as refineries and cement plants, are required to report regardless of emission levels. Entities that emit more than the 25,000 MT CO_2e per year threshold are required to have their GHG emission report verified by a CARB-accredited third party.

EO B-18-12. EO B-18-12 (April 2012) directed state agencies, departments, and other entities under the governor's executive authority to take action to reduce entity-wide GHG emissions by at least 10% by 2015 and 20% by 2020, as measured against a 2010 baseline. EO B-18-12 also established goals for existing state buildings for reducing grid-based energy purchases and water use.

EO B-30-15. EO B-30-15 (April 2015) identified an interim GHG reduction target in support of targets previously identified under S-3-05 and AB 32. EO B-30-15 set an interim target goal of reducing GHG emissions to 40% below 1990 levels by 2030 to keep California on its trajectory toward meeting or exceeding the long-term goal of reducing GHG emissions to 80% below 1990 levels by 2050 as set forth in S-3-05. To facilitate achieving this goal, EO B-30-15 called for CARB to update the Scoping Plan to express the 2030 target in terms of MMT CO_2e. The EO also called for state agencies to continue to develop and implement GHG emission reduction programs in support of the reduction targets.

SB 605 and SB 1383. SB 605 (2014) requires CARB to complete a comprehensive strategy to reduce emissions of short-lived climate pollutants (SLCPs) in the state; and SB 1383 (2016) requires CARB to approve and implement that strategy by January 1, 2018. SB 1383 also establishes specific targets for the reduction of SLCPs (40% below 2013 levels by 2030 for methane and HFCs, and 50% below 2013 levels by 2030 for anthropogenic black carbon), and provides direction for reductions from dairy and livestock operations and landfills. Accordingly, and as mentioned above, CARB adopted its Short-Lived Climate Pollutant Reduction Strategy (SLCP Reduction Strategy) in March 2017. The SLCP Reduction Strategy establishes a framework for the statewide reduction of emissions of black carbon, methane, and fluorinated gases.

EO B-55-18. EO B-55-18 (September 2018) establishes a new statewide goal "to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter." This executive order directs CARB to "work with relevant state agencies to ensure future Scoping Plans identify and recommend measures to achieve the carbon neutrality goal."

Building Energy

Title 24, Part 6. Title 24 of the California Code of Regulations was established in 1978 and serves to enhance and regulate California's building standards. While not initially promulgated to reduce GHG emissions, Part 6 of Title 24 specifically established Building Energy Efficiency Standards that are designed to ensure new and existing buildings in California achieve energy efficiency and preserve outdoor and indoor environmental quality. These energy efficiency standards are reviewed every few years by the Building Standards Commission and the California Energy Commission (CEC) (and revised if necessary) (California Public Resources Code, Section 25402(b)(1)). The regulations receive input from members of industry, as well as the public, with the goal of "reducing of wasteful, uneconomic, inefficient, or unnecessary consumption of energy" (California Public Resources Code, Section 25402). These regulations are carefully scrutinized and analyzed for technological and economic feasibility (California Public Resources Code, Section 25402(d)) and cost effectiveness (California Public Resources Code, Sections 25402(b)(2) and (b)(3)). As a result, these standards save energy, increase electricity supply reliability, increase indoor comfort, avoid the need to construct new power plants, and help preserve the environment. The 2016 Title 24 standards are the current applicable building energy efficiency

standards and became effective on January 1, 2017. The 2019 standards will continue to improve upon the 2016 standards for new construction of, and additions and alterations to, residential and nonresidential buildings. The 2019 standards will go into effect on January 1, 2020.

Title 24, Part 11. In addition to the CEC's efforts, in 2008, the California Building Standards Commission adopted the nation's first green building standards. The California Green Building Standards Code (Part 11 of Title 24) is commonly referred to as California's Green Building Standards (CALGreen), and establishes minimum mandatory standards as well as voluntary standards pertaining to the planning and design of sustainable site development, energy efficiency (in excess of the California Energy Code requirements), water conservation, material conservation, and interior air quality. The CALGreen standards took effect in January 2011 and instituted mandatory minimum environmental performance standards for all ground-up, new construction of commercial, low-rise residential and state-owned buildings and schools and hospitals. The CALGreen 2016 standards became effective January 1, 2017 (CALGreen 2016). The mandatory standards require the following (24 CCR Part 11):

- Mandatory reduction in indoor water use through compliance with specified flow rates for plumbing fixtures and fittings.
- Mandatory reduction in outdoor water use through compliance with a local water efficient landscaping ordinance or the California Department of Water Resources' Model Water Efficient Landscape Ordinance.
- 65% of construction and demolition waste must be diverted from landfills.
- Mandatory inspections of energy systems to ensure optimal working efficiency.
- Inclusion of electric vehicle charging stations or designated spaces capable of supporting future charging stations.
- Low-pollutant emitting exterior and interior finish materials, such as paints, carpets, vinyl flooring, and particle boards.

The CALGreen standards also include voluntary efficiency measures that are provided at two separate tiers and implemented at the discretion of local agencies and applicants. CALGreen's Tier 1 standards call for a 15% improvement in energy requirements; stricter water conservation, 65% diversion of construction and demolition waste, 10% recycled content in building materials, 20% permeable paving, 20% cement reduction, and cool/solar-reflective roofs. CALGreen's more rigorous Tier 2 standards call for a 30% improvement in energy requirements, stricter water conservation, 80% diversion of construction and demolition waste, 15% recycled content in building materials, 30% permeable paving, 25% cement reduction, and cool/solar-reflective roofs.

The California Public Utilities Commission (CPUC), CEC, and CARB also have a shared, established goal of achieving zero net energy (ZNE) performance for new construction in California. The key policy timelines include: (1) all new residential construction in California will be ZNE by 2020, and (2) all new commercial construction in California will be ZNE by 2030.[12]

Title 20. Title 20 of the California Code of Regulations requires manufacturers of appliances to meet state and federal standards for energy and water efficiency. The CEC certifies an appliance based on a manufacturer's demonstration that the appliance meets the standards. New appliances regulated under Title 20 include

[12] See for example, CPUC 2013: California's Zero Net Energy Policies and Initiatives, accessed at http://annualmeeting.naseo.org/Data/Sites/2/presentations/Fogel-Getting-to-ZNE-CA-Experience.pdf. It is expected that achievement of the zero net energy goal will occur via revisions to the Title 24 standards.

refrigerators, refrigerator-freezers, and freezers; room air conditioners and room air-conditioning heat pumps; central air conditioners; spot air conditioners; vented gas space heaters; gas pool heaters; plumbing fittings and plumbing fixtures; fluorescent lamp ballasts; lamps; emergency lighting; traffic signal modules; dishwaters; clothes washers and dryers; cooking products; electric motors; low-voltage dry-type distribution transformers; power supplies; televisions and consumer audio and video equipment; and battery charger systems. Title 20 presents protocols for testing each type of appliance covered under the regulations, and appliances must meet the standards for energy performance, energy design, water performance and water design. Title 20 contains three types of standards for appliances: federal and state standards for federally regulated appliances, state standards for federally regulated appliances, and state standards for non-federally regulated appliances.

SB 1. SB 1 (Murray, August 2006) established a $3 billion rebate program to support the goal of the state to install rooftop solar energy systems with a generation capacity of 3,000 megawatts through 2016. SB 1 added sections to the Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for photovoltaic (PV) systems to meet minimum energy efficiency levels and performance requirements. Section 25780 established that it is a goal of the state to establish a self-sufficient solar industry. The goals included establishing solar energy systems as a viable mainstream option for both homes and businesses within 10 years of adoption, and placing solar energy systems on 50% of new homes within 13 years of adoption. SB 1, also termed "Go Solar California," was previously titled "Million Solar Roofs."

California AB 1470 (Solar Water Heating). This bill established the Solar Water Heating and Efficiency Act of 2007. The bill makes findings and declarations of the Legislature relating to the promotion of solar water heating systems and other technologies that reduce natural gas demand. The bill defines several terms for purposes of the act. The bill requires the commission to evaluate the data available from a specified pilot program, and, if it makes a specified determination, to design and implement a program of incentives for the installation of 200,000 solar water heating systems in homes and businesses throughout the state by 2017.

Renewable Energy and Energy Procurement

SB 1078. SB 1078 (Sher, September 2002) established the Renewables Portfolio Standard (RPS) program, which required an annual increase in renewable generation by the utilities equivalent to at least 1% of sales, with an aggregate goal of 20% by 2017. This goal was subsequently accelerated, requiring utilities to obtain 20% of their power from renewable sources by 2010 (see SB 107, EO S-14-08, and S-21-09).

SB 1368. SB 1368 (September 2006), required the CEC to develop and adopt regulations for GHG emission performance standards for the long-term procurement of electricity by local publicly owned utilities. These standards must be consistent with the standards adopted by the CPUC.

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.

EO S-14-08. EO S-14-08 (November 2008) focused on the contribution of renewable energy sources to meet the electrical needs of California while reducing the GHG emissions from the electrical sector. This EO required that all retail suppliers of electricity in California serve 33% of their load with renewable energy by 2020. Furthermore, the EO directed state agencies to take appropriate actions to facilitate reaching this target. The California Natural Resources Agency (CNRA), through collaboration with the CEC and California Department of Fish and Wildlife, was directed to lead this effort.

EO S-21-09 and SBX1-2. EO S-21-09 (September 2009) directed CARB to adopt a regulation consistent with the goal of EO S-14-08 by July 31, 2010. CARB was further directed to work with the CPUC and CEC to ensure that the regulation builds upon the RPS program and was applicable to investor-owned utilities, publicly owned utilities, direct access providers, and community choice providers. Under this order, CARB was to give the highest priority to those renewable resources that provide the greatest environmental benefits with the least environmental costs and impacts on public health and can be developed the most quickly in support of reliable, efficient, cost-effective electricity system operations. On September 23, 2010, CARB initially approved regulations to implement a Renewable Electricity Standard. However, this regulation was not finalized because of subsequent legislation (SB X1-2, Simitian, statutes of 2011) signed by Governor Brown in April 2011.

SB X1 2 expanded the Renewables Portfolio Standard by establishing a renewable energy target of 20% of the total electricity sold to retail customers in California per year by December 31, 2013, and 33% by December 31, 2020, and in subsequent years. Under the bill, a renewable electrical generation facility is one that uses biomass, solar thermal, PV, wind, geothermal, fuel cells using renewable fuels, small hydroelectric generation (30 megawatts or less), digester gas, municipal solid waste conversion, landfill gas, ocean wave, ocean thermal, or tidal current, and that meets other specified requirements with respect to its location.

SB X1-2 applies to all electricity retailers in the state including publicly owned utilities, investor-owned utilities, electricity service providers, and community choice aggregators. All of these entities must meet the renewable energy goals previously listed.

Supreme Court Ruling in Center for Biological Diversity. v. California Fish and Wildlife

In its 2015 decision, *Center for Biological Diversity v. Department of Fish and Wildlife*, S217763 (Newhall),[13] the California Supreme Court evaluated the California Department of Fish and Wildlife's analysis of potential impacts caused by GHG emissions contained in the environmental impact report (EIR) for the proposed land development called Newhall Ranch. In the EIR, the California Department of Fish and Wildlife analyzed GHG emissions under AB 32, using the business-as-usual comparison as its sole criterion of significance.

In Newhall, the California Supreme Court concluded that a finding of consistency with meeting statewide emission reduction goals is a legally permissible criterion of significance when analyzing potential impacts of GHG emissions under CEQA. However, the Court found that the EIR's conclusion that the project's emissions would be less than significant under that criterion was not supported by substantial evidence, and remanded back to the appellate court the narrow issue of whether substantial evidence supported the application of AB 32 statewide GHG reduction goal of 29% to new land use projects.

[13] The Newhall decision is available at https://caselaw.findlaw.com/ca-supreme-court/1719578.html (accessed November 2018).

The Court then identified "potential options" for lead agencies evaluating cumulative significance of a proposed land use development's GHG emissions in future CEQA documents:

1. Business-As-Usual Model: While the Court cautioned that the Scoping Plan may not be appropriate at the project-level, the business-as-usual model might be used to determine what level of reduction from business-as-usual a new land use development at the proposed location must contribute in order to comply with statewide goals pursuant to AB 32.
2. Compliance With Regulatory Programs Designed To Reduce Greenhouse Gas Emissions: The Court suggests that a lead agency could rely on a showing of compliance with regulatory programs designed to reduce GHG emissions. The Court clarifies that a significance analysis based on compliance with such statewide regulations only goes to impacts within the area governed by the regulations.
3. Local Climate Action Plan (CAP) or Other "Geographically Specific Greenhouse Gas Emission Reduction Plans": The Court points out that these plans may provide a basis for the tiering or streamlining of project-level CEQA analysis, so long as the plan is "sufficiently detailed and adequately supported." Increase the supply of alternative fuel sources by setting a mandatory Renewable Fuel Standard requiring fuel producers to use at least 36 billion gallons of biofuel in 2022.
4. Regional Sustainable Community Strategy (SCS): The Court also articulates that a lead agency need not additionally analyze GHG emissions from cars and light trucks in CEQA documents for certain residential, mixed-use, and transit priority projects that are consistent with an applicable SCS adopted pursuant to SB 375.
5. Numerical GHG Significance Thresholds: The Court noted the use of such thresholds are GHG significance thresholds, which are based on compliance with AB 32, and use a "service population" GHG ratio threshold for land use projects and a 10,000-ton annual GHG emission threshold for industrial projects. The Court remanded for further consideration the application of the 29% overall Scoping Plan metric, which is used by several air districts and, like the favorably cited Bay Area Air Quality Management District metric, is based on AB 32.

Citing to Executive Order Nos. S-3-05 and B-30-15, the Court cautioned that those EIRs taking a goal-consistency approach to CEQA significance may in the future need to consider the project's effects on meeting emissions reduction targets beyond 2020.

SB 350. SB 350 (October 2015) further expanded the RPS by establishing a goal of 50% of the total electricity sold to retail customers in California per year by December 31, 2030. In addition, SB 350 included the goal to double the energy-efficiency savings in electricity and natural gas final end uses (e.g., heating, cooling, lighting, or class of energy uses on which an energy-efficiency program is focused) of retail customers through energy conservation and efficiency. The bill also requires the CPUC, in consultation with the CEC, to establish efficiency targets for electrical and gas corporations consistent with this goal.

SB 100. SB 100 (2018) 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. This bill requires that the achievement of 100% zero-carbon electricity resources do not increase the carbon emissions elsewhere in the western grid and that the achievement not be achieved through resource shuffling.

Mobile Sources

AB 1493. AB 1493 (Pavley, July 2002) was enacted in a response to the transportation sector accounting for more than half of California's CO_2 emissions. AB 1493 required CARB to set GHG emission standards for passenger vehicles, light-duty trucks, and other vehicles determined by the state board to be vehicles that are primarily used for noncommercial personal transportation in the state. The bill required that CARB set GHG emission standards for motor vehicles manufactured in 2009 and all subsequent model years. CARB adopted the standards in September 2004. When fully phased in, the near-term (2009–2012) standards will result in a reduction of about 22% in GHG emissions compared to the emissions from the 2002 fleet, while the mid-term (2013–2016) standards will result in a reduction of about 30%.

Heavy Duty Diesel. CARB adopted the final Heavy Duty Truck and Bus Regulation, Title 13, Division 3, Chapter 1, Section 2025, on December 31, 2014, to reduce PM and NO_x emissions from heavy-duty diesel vehicles. The rule requires PM filters be applied to newer heavier trucks and buses by January 1, 2012, with older vehicles required to comply by January 1, 2015. The rule will require nearly all diesel trucks and buses to be compliant with the 2010 model year engine requirement by January 1, 2023. CARB also adopted an Airborne Toxic Control Measure to limit idling of diesel-fueled commercial vehicles on December 12, 2013. This rule requires diesel-fueled vehicles with gross vehicle weights greater than 10,000 pounds to idle no more than 5 minutes at any location (13 CCR 2485).

EO S-1-07. EO S-1-07 (January 2007, implementing regulation adopted in April 2009) sets a declining LCFS for GHG emissions measured in CO_2e grams per unit of fuel energy sold in California. The target of the LCFS is to reduce the carbon intensity of California passenger vehicle fuels by at least 10% by 2020 (17 CCR 95480 et seq.). The carbon intensity measures the amount of GHG emissions in the lifecycle of a fuel, including extraction/feedstock production, processing, transportation, and final consumption, per unit of energy delivered.

SB 375. SB 375 (Steinberg) (September 2008) addresses GHG emissions associated with the transportation sector through regional transportation and sustainability plans. SB 375 requires CARB to adopt regional GHG reduction targets for the automobile and light-truck sector for 2020 and 2035 and to update those targets every 8 years. SB 375 requires the state's 18 regional MPOs to prepare an SCS as part of their Regional Transportation Plan (RTP) that will achieve the GHG reduction targets set by CARB. If an MPO is unable to devise an SCS to achieve the GHG reduction target, the MPO must prepare an Alternative Planning Strategy demonstrating how the GHG reduction target would be achieved through alternative development patterns, infrastructure, or additional transportation measures or policies.

Pursuant to Government Code, Section 65080(b)(2)(K), an SCS does not: (1) regulate the use of land; (2) supersede the land use authority of cities and counties; or (3) require that a city's or county's land use policies and regulations, including those in a general plan, be consistent with it. Nonetheless, SB 375 makes regional and local planning agencies responsible for developing those strategies as part of the federally required metropolitan transportation planning process and the state-mandated housing element process.

In 2010, CARB adopted the SB 375 targets for the regional MPOs. The targets for San Diego Association of Governments (SANDAG) are a 7% reduction in emissions per capita by 2020 and a 13% reduction by 2035.

SANDAG completed and adopted its 2050 Regional Transportation Plan/Sustainable Communities Strategy (RTP/SCS) in October 2011 (SANDAG 2011). In November 2011, CARB, by resolution, accepted SANDAG's GHG emissions quantification analysis and determination that, if implemented, the SCS would achieve CARB's 2020 and 2035 GHG emissions reduction targets for the region.

After SANDAG's 2050 RTP/SCS was adopted, a lawsuit was filed by the Cleveland National Forest Foundation and others. The case was decided in July 2017, and the court found that the EIR did not have to use EO S-3-05's 2050 goal of an 80% reduction in GHG emissions from 1990 levels as a threshold because the EIR sufficiently informed the public of the potential impacts.

Although the EIR for SANDAG's 2050 RTP/SCS is pending before the California Supreme Court, in 2015, SANDAG adopted the next iteration of its RTP/SCS in accordance with statutorily mandated timelines, and no subsequent litigation challenge was filed. More specifically, in October 2015, SANDAG adopted San Diego Forward: The Regional Plan. Like the 2050 RTP/SCS, this planning document meets CARB's 2020 and 2035 reduction targets for the region (SANDAG 2015). In December 2015, CARB, by resolution, accepted SANDAG's GHG emissions quantification analysis and determination that, if implemented, the SCS would achieve CARB's 2020 and 2035 GHG emissions reduction targets for the region. In March 2018, CARB approved updates to the SB 375 GHG emission reduction targets, including a reduction of 15% reduction in emissions per capita by 2020 and a 19% reduction by 2035 for SANDAG. SANDAG will demonstrate progress towards meeting the updated GHG emission reduction targets in the next update to the RTP/SCS.

Advanced Clean Cars Program and Zero-Emissions Vehicle Program. The Advanced Clean Cars program (January 2012) is a new emissions-control program for model years 2015 through 2025. The program combines the control of smog- and soot-causing pollutants and GHG emissions into a single coordinated package. The package includes elements to reduce smog-forming pollution, reduce GHG emissions, promote clean cars, and provide the fuels for clean cars (CARB 2012). To improve air quality, CARB has implemented new emission standards to reduce smog-forming emissions beginning with 2015 model year vehicles. It is estimated that in 2025 cars will emit 75% less smog-forming pollution than the average new car sold today. To reduce GHG emissions, CARB, in conjunction with the EPA and the NHTSA, adopted new GHG standards for model year 2017 to 2025 vehicles; the new standards are estimated to reduce GHG emissions by 34% in 2025. The zero-emission vehicle (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 (EVs) in the 2018 to 2025 model years.

EO B-16-12. EO B-16-12 (March 2012) required that state entities under the governor's direction and control support and facilitate the rapid commercialization of ZEVs. It ordered CARB, CEC, CPUC, and other relevant agencies to work with the Plug-in Electric Vehicle Collaborative and the California Fuel Cell Partnership to establish benchmarks to help achieve benchmark goals by 2015, 2020, and 2025. On a statewide basis, EO B-16-12 established a target reduction of GHG emissions from the transportation sector equaling 80% less than 1990 levels by 2050. This directive did not apply to vehicles that have special performance requirements necessary for the protection of the public safety and welfare.

AB 1236. AB 1236 (October 2015) (Chiu) required a city, county, or city and county to approve an application for the installation of electric vehicle charging stations, as defined, through the issuance of specified permits unless the city or county makes specified written findings based upon substantial evidence in the record that the proposed installation would have a specific, adverse impact upon the public health or safety, and there is no feasible method to satisfactorily mitigate or avoid the specific, adverse impact. The bill provided for appeal of that

decision to the planning commission, as specified. The bill provided that the implementation of consistent statewide standards to achieve the timely and cost-effective installation of electric vehicle charging stations is a matter of statewide concern. The bill required electric vehicle charging stations to meet specified standards. The bill required a city, county, or city and county with a population of 200,000 or more residents to adopt an ordinance, by September 30, 2016, that created an expedited and streamlined permitting process for electric vehicle charging stations, as specified. The bill also required a city, county, or city and county with a population of less than 200,000 residents to adopt this ordinance by September 30, 2017.

Water

EO B-29-15. In response to the ongoing drought in California, EO B-29-15 (April 2015) set a goal of achieving a statewide reduction in potable urban water usage of 25% relative to water use in 2013. The term of the EO extended through February 28, 2016, although many of the directives have become permanent water-efficiency standards and requirements. The EO includes specific directives that set strict limits on water usage in the state. In response to EO B-29-15, the California Department of Water Resources has modified and adopted a revised version of the Model Water Efficient Landscape Ordinance that, among other changes, significantly increases the requirements for landscape water use efficiency and broadens its applicability to include new development projects with smaller landscape areas.

Solid Waste

AB 939 and AB 341. In 1989, AB 939, known as the Integrated Waste Management Act (California Public Resources Code, Sections 40000 et seq.), was passed because of the increase in waste stream and the decrease in landfill capacity. The statute established the California Integrated Waste Management Board, which oversees a disposal reporting system. AB 939 mandated a reduction of waste being disposed where jurisdictions were required to meet diversion goals of all solid waste through source reduction, recycling, and composting activities of 25% by 1995 and 50% by the year 2000.

AB 341 (Chapter 476, Statutes of 2011; Chesbro) amended the California Integrated Waste Management Act of 1989 to include a provision declaring that it is the policy goal of the state that not less than 75% of solid waste generated be source-reduced, recycled, or composted by the year 2020, and annually thereafter. In addition, AB 341 required the California Department of Resources Recycling and Recovery (CalRecycle) to develop strategies to achieve the state's policy goal. CalRecycle conducted several general stakeholder workshops and several focused workshops, and in August 2015 published a discussion document titled AB 341 Report to the Legislature, which identifies five priority strategies that CalRecycle believes would assist the state in reaching the 75% goal by 2020, legislative and regulatory recommendations, and an evaluation of program effectiveness (CalRecycle 2012).

Other State Actions

SB 97. SB 97 (Dutton, August 2007) directed the Governor's Office of Planning and Research to develop guidelines under CEQA for the mitigation of GHG emissions. In 2008, Office of Planning and Research issued a technical advisory as interim guidance regarding the analysis of GHG emissions in CEQA documents. The advisory indicated that the lead agency should identify and estimate a project's GHG emissions, including those associated with vehicular traffic, energy consumption, water usage, and construction activities (OPR 2008). The advisory further recommended that the lead agency determine significance of the impacts and impose all mitigation measures necessary to reduce GHG emissions to a level that is less than significant. The CNRA adopted the CEQA Guidelines amendments in December 2009, which became effective in March 2010.

Under the amended CEQA Guidelines, a lead agency has the discretion to determine whether to use a quantitative or qualitative analysis or apply performance standards to determine the significance of GHG emissions resulting from a particular project (14 CCR 15064.4(a)). The CEQA Guidelines require a lead agency to consider the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)). The CEQA Guidelines also allow a lead agency to consider feasible means of mitigating the significant effects of GHG emissions, including reductions in emissions through the implementation of project features or off-site measures. The adopted amendments do not establish a GHG emission threshold, instead allowing a lead agency to develop, adopt, and apply its own thresholds of significance or those developed by other agencies or experts. The CNRA also acknowledges that a lead agency may consider compliance with regulations or requirements implementing AB 32 in determining the significance of a project's GHG emissions.

With respect to GHG emissions, the CEQA Guidelines state in Section 15064.4(a) that lead agencies should "make a good faith effort, to the extent possible on scientific and factual data, to describe, calculate or estimate" GHG emissions. The CEQA Guidelines note that an agency may identify emissions by either selecting a "model or methodology" to quantify the emissions or by relying on "qualitative analysis or other performance based standards" (14 CCR 15064.4(a)). Section 15064.4(b) states that the lead agency should consider the following when assessing the significance of impacts from GHG emissions on the environment: (1) the extent a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether the project emissions exceed a threshold of significance that the lead agency determines applies to the project; and (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of GHG emissions (14 CCR 15064.4(b)).

EO S-13-08. EO S-13-08 (November 2008) is intended to hasten California's response to the impacts of global climate change, particularly sea-level rise. Therefore, the EO directs state agencies to take specified actions to assess and plan for such impacts. The final 2009 California Climate Adaptation Strategy report was issued in December 2009 (CNRA 2009), and an update, Safeguarding California: Reducing Climate Risk, followed in July 2014 (CNRA 2014). To assess the state's vulnerability, the report summarizes key climate change impacts to the state for the following areas: agriculture, biodiversity and habitat, emergency management, energy, forestry, ocean and coastal ecosystems and resources, public health, transportation, and water. Issuance of the Safeguarding California: Implementation Action Plans followed in March 2016 (CNRA 2016). In January 2018, the CNRA released the Safeguarding California Plan: 2018 Update, which communicates current and needed actions that state government should take to build climate change resiliency (CNRA 2018).

2015 State of the State Address. In January 2015, Governor Brown in his inaugural address and annual report to the Legislature established supplementary goals, which would further reduce GHG emissions over the next 15 years. These goals include an increase in California's renewable energy portfolio from 33% to 50%, a reduction in vehicle petroleum use for cars and trucks by up to 50%, measures to double the efficiency of existing buildings, and decreasing emissions associated with heating fuels.

2016 State of the State Address. In his January 2016 address, Governor Brown established a statewide goal to bring per-capita GHG emissions down to 2 tons per person, which reflects the goal of the Global Climate Leadership Memorandum of Understanding (Under 2 MOU) to limit global warming to less than 2°C by 2050. The Under 2 MOU agreement pursues emission reductions of 80% to 95% below 1990 levels by 2050 and/or reaching a per-capita annual emissions goal of less than 2 MT by 2050. A total of 135 jurisdictions representing 32 countries and 6 continents, including California, have signed or endorsed the Under 2 MOU (Under 2 2017).

3.2.3 Local Regulations

3.2.3.1 San Diego Air Pollution Control District

SDAPCD does not have established GHG rules, regulations, or policies.

3.2.3.2 City of Oceanside

General Plan

The City of Oceanside's General Plan Circulation Element includes goals and policies to reduce GHG emissions within the City (City of Oceanside 2002). The City of Oceanside's General Plan Update includes the Energy and Climate Action Element, which establishes additional goals and policies to reduce GHG emissions (City of Oceanside 2019a). The following goals and policies from the City's General Plan are relevant to the project.

Circulation Element

- **Policy 2.5:** The City will strive to incorporate complete streets throughout the Oceanside transportation network which are designed and constructed to serve all users of streets, roads and highways, regardless of their age or ability, or whether they are driving, walking, bicycling, or using transit.
- Pedestrian Facilities
  - **Goal 5:** Support walking as a primary means of transportation that in turn supports transit and bike options. A positive walking environment is essential for supporting smart growth, mixed land uses, transit oriented development, traffic calming and reducing traffic congestion and greenhouse gas emissions.
- Intelligent Transportation System Technologies
  - **Policy 4.1:** The City shall encourage the reduction of vehicle miles traveled, reduction of the total number of daily and peak hour vehicle trips, and provide better utilization of the circulation system through development and implementation of transportation demand management (TDM) strategies. These may include, but not limited to, implementation of peak hour trip reduction, encourage staggered work hours, telework programs, increased development of employment centers where transit usage is highly viable, encouragement of ridesharing options in the public and private sector, provision for park-and-ride facilities adjacent to the regional transportation system, and provision for transit subsidies.
- Transportation Demand Management
  - **Policy 4.9:** The City shall look for opportunities to incorporate TDM [transportation demand management] programs into their Energy Roadmap that contributes to state and regional goals for saving energy and reducing greenhouse gas emissions.

Land Use Element

- Air Quality
  - The City will continue to cooperate with the SDAPCD Board. This will include participation in the development of the Regional Air Quality Strategy (RAQS) through cooperation with the San Diego County Air Quality Planning Team.
- Bicycle Facilities
  - Policy A: Development shall provide Class II Bikeways (Bike Lanes) on all secondary, major, and prime arterials.
  - Policy D: The use of land shall integrate the Bicycle Circulation System with auto, pedestrian, and transit systems:
    1. Development shall provide short-term bicycle parking and long-term bicycle storage facilities such as bicycle racks, pedestal posts, and rental bicycle lockers.
    2. Development shall provide safe and convenient bicycle access to high activity land uses, such as schools, parks, shopping, employment, and entertainment centers.
- Pedestrian
  - Policy A: The construction of five (5) foot wide sidewalks adjacent to the curb shall be required in all new developments and street improvements.
- Transit System
  - Policy A: The City shall coordinate and encourage the existing bus system to serve newly developed areas.
- Energy
  - Policy A: The City shall encourage the design, installation, and use of passive and active solar collection systems.
  - Policy B: The City shall encourage the use of energy efficient design, structures, materials, and equipment in all land developments or uses.

Environmental Resource Management Element

- The City will continue to cooperate with the SDAPCD Board. This will include participation in the development of the Regional Air Quality Strategy (RAQS) through cooperation with the San Diego County Air Quality Planning Team.

Energy and Climate Action Element

- Policy ECAE 1b-4: The City shall explore opportunities to implement “mobility hub” features within Smart Growth Opportunity Areas and other areas amenable to active transportation and shared mobility option.
- Policy ECAE 2a-6: The city shall work with the development community to identify new sources of financing for mixed-use and other forms of urbanized development, including the implementation of the El Corazon Specific Plan.
- Policy ECAE 2e-4: Through TDM programs and other means, the City shall encourage employers to participate in regional rideshare programs, including SANDAG’s iCommute.

- **Policy ECAE 2f-2:** The City shall explore incentives for electric vehicle charging facilities in multi-family developments.
- **Policy ECAE 2f-4:** The City shall partnership with the local business community, San Diego Gas & Electric, and other stakeholders, explore ways to reduce the cost of electric and other zero emission vehicles to Oceanside residents, specifically low-income households in proximity to air quality hotspots near I-5 and state highways.
- **Policy ECAE 2f-9:** The City shall consider ways to reduce vehicle idling, particularly in proximity to schools and other sensitive receptors.
- **Policy ECAE 5a-2:** The City shall update the City's Street Tree Ordinance to require one-to-one replacement of trees removed from the public right-of-way, parkways, and other public spaces.

Oceanside Climate Action Plan and Energy and Climate Action Element

The City has held public workshops on the City's General Plan Update, which includes development of a CAP and a policy framework to the Energy and Climate Action Element (E-CAP). The E-CAP proactively supports statewide efforts to cut GHG emissions by expanding local renewable energy generation, reducing energy use, promoting recycling and reuse, facilitating active transportation, and encouraging other sustainable practices. The E-CAP builds upon a variety of City projects that promote energy efficiency, increased renewable energy use, water conservation, and solid waste reduction. These include the Oceanside Boulevard Vision Statement, which encourages the restoration of Loma Alta Creek in conjunction with a transit-oriented mixed-use development; the Coast Highway Vision and Strategic Plan, which promotes environmentally and economically sustainable infill and redevelopment within the North Coast Highway corridor; the Water Conservation Master Plan; the Zero Waste Plan; and the Energy Roadmap. As part of this effort to ensure a sustainable future, the City prepared a GHG emissions inventory and a CAP, both of which inform the E-CAP. The City's Final CAP was adopted on May 8, 2019. The City is currently in process of developing the CAP Consistency Checklist; thus, the City has established efficiency metric thresholds, which projects are to use to evaluate impacts from GHG emissions, in order to help the City to meet state reduction targets for 2020 and 2030. Projects are required to meet an efficiency metric threshold of 4.0 MT of CO_2e per service population per year (MT CO_2e/SP/yr) for year 2020 and an efficiency metric threshold of 3.0 MT CO_2e/SP/yr for year 2030. Projects that meet these thresholds would be considered consistent with the City's CAP.

3.3 Greenhouse Gas Inventories and Climate Change Conditions

3.3.1 Sources of Greenhouse Gas Emissions

Per the EPA's Inventory of U.S. Greenhouse Gas Emissions and Sinks: 1990–2017, total U.S. GHG emissions were approximately 6,457 MMT CO_2e in 2017 (EPA 2019b). The primary GHG emitted by human activities in the United States was CO_2, which represented approximately 81.6% of total GHG emissions (6,457 MMT CO_2e). The largest source of CO_2, and of overall GHG emissions, was fossil-fuel combustion, which accounted for approximately 93.2% of CO_2 emissions in 2017 (4,912.0 MMT CO_2e). Relative to the 1990 emissions level, gross U.S. GHG emissions in 2017 were 1.3% higher; however, the gross emissions are down from a high of 15.7% above the 1990 level that occurred in 2007. GHG emissions decreased from 2016 to 2017 by 0.5% (35.5 MMT CO_2e) and, overall, net emissions in 2017 were 13% below 2005 levels (EPA 2019b).

According to California's 2000–2017 GHG emissions inventory (2018 edition), California emitted 429.4 MMT CO_2e in 2016, including emissions resulting from out-of-state electrical generation (CARB 2018a). The sources of GHG emissions in California include transportation, industrial uses, electric power production from both in-state and out-of-state sources, commercial and residential uses, agriculture, high GWP substances, and recycling and waste. The California GHG emission source categories (as defined in CARB's 2008 Scoping Plan) and their relative contributions in 2016 are presented in Table 16.

Table 16. Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO_2e)	Percent of Total[a]
Transportation	169.38	41%
Industrial	89.61	23%
Electric power[b]	68.58	16%
Commercial and residential	39.36	12%
Agriculture	33.84	8%
High GWP substances	19.78	4%
Recycling and waste	8.81	2%
Total	**429.4**	**100%**

Source: CARB 2018a.
Notes: GHG = greenhouse gas; MMT CO_2e = million metric tons of carbon dioxide equivalent; GWP = global warming potential. Emissions reflect the 2016 California GHG inventory.
[a] Percentage of total has been rounded, and total may not sum due to rounding.
[b] Includes emissions associated with imported electricity, which account for 26.28 MMT CO_2e annually.

During the 2000 to 2016 period, per-capita GHG emissions in California have continued to drop from a peak in 2001 of 14.0 MT per person to 10.8 MT per person in 2016, representing a 23% decrease. In addition, total GHG emissions in 2016 were approximately 12 MMT CO_2e less than 2015 emissions. The declining trend in GHG emissions, coupled with programs that will continue to provide additional GHG reductions going forward, demonstrates that California is just below the 2020 target of 431 MMT CO_2e (CARB 2018a).

The City's community-wide GHG emissions (not including municipal emissions) baseline inventory in 2013 was estimated to be 984,012 MT CO_2e (City of Oceanside 2019b) Transportation is the largest contributor to the emissions, accounting for 48% (or 477,178 MT CO_2e) of the City's 2013 total, followed by electricity at 26% (or 251,524 MT CO_2e) of the emissions. Accounting for future population and economic growth, the City projects GHG emissions of 904,088 MT CO_2e in 2020 and 810,293 MT CO_2e in 2030 (City Oceanside 2019b).

3.3.2 Potential Effects of Climate Change

Globally, climate change has the potential to affect numerous environmental resources through uncertain impacts related to future air temperatures and precipitation patterns. The 2014 Intergovernmental Panel on Climate Change Synthesis Report (IPCC 2014) indicated that warming of the climate system is unequivocal, and since the 1950s, many of the observed changes are unprecedented over decades to millennia. Signs that global climate change has occurred include warming of the atmosphere and ocean, diminished amounts of snow and ice, and rising sea levels (IPCC 2014).

In California, climate change impacts have the potential to affect sea-level rise, agriculture, snowpack and water supply, forestry, wildfire risk, public health, and electricity demand and supply (CCCC 2006). The primary effect of global climate change has been a 0.2°C (0.36°F) rise in average global tropospheric temperature per decade, determined from meteorological measurements worldwide between 1990 and 2005. Scientific modeling predicts that continued emissions of GHGs at or above current rates would induce more extreme climate changes during the twenty-first century than were observed during the twentieth century. A warming of about 0.2°C (0.36°F) per decade is projected, and there are identifiable signs that global warming could be taking place.

Although climate change is driven by global atmospheric conditions, climate change impacts are felt locally. A scientific consensus confirms that climate change is already affecting California. The average temperatures in California have increased, leading to more extreme hot days and fewer cold nights. Shifts in the water cycle have been observed, with less winter precipitation falling as snow, and both snowmelt and rainwater running off earlier in the year. Sea levels have risen, and wildland fires are becoming more frequent and intense due to dry seasons that start earlier and end later (CAT 2010).

An increase in annual average temperature is a reasonably foreseeable effect of climate change. Observed changes over the last several decades across the western United States reveal clear signals of climate change. Statewide average temperatures increased by about 1.7°F from 1895 to 2011, and warming has been greatest in the Sierra Nevada (CCCC 2012). By 2050, California is projected to warm by approximately 2.7°F above 2000 averages, a threefold increase in the rate of warming over the last century. By 2100, average temperatures could increase by 4.1°F to 8.6°F, depending on emissions levels. Springtime warming—a critical influence on snowmelt—will be particularly pronounced. Summer temperatures will rise more than winter temperatures, and the increases will be greater in inland California, compared to the coast. Heat waves will be more frequent, hotter, and longer. There will be fewer extremely cold nights (CCCC 2012). A decline of Sierra Nevada snowpack, which accounts for approximately half of the surface water storage in California, by 30% to as much as 90% is predicted over the next 100 years (CAT 2006).

Model projections for precipitation over California continue to show the Mediterranean pattern of wet winters and dry summers with seasonal, year-to-year, and decade-to-decade variability. For the first time, however, several of the improved climate models shift toward drier conditions by the mid-to-late twenty-first century in central, and most notably, Southern California. By the late century, all projections show drying, and half of them suggest 30-year average precipitation will decline by more than 10% below the historical average (CCCC 2012).

A summary of current and future climate change impacts to resource areas in California, as discussed in the Safeguarding California: Reducing Climate Risk (CNRA 2014), is provided below.

Agriculture. Some of the specific challenges faced by the agricultural sector and farmers include more drastic and unpredictable precipitation and weather patterns; extreme weather events that range from severe flooding to extreme drought, to destructive storm events; significant shifts in water availably and water quality; changes in pollinator lifecycles; temperature fluctuations, including extreme heat stress and decreased chill hours; increased risks from invasive species and weeds, agricultural pests and plant diseases; and disruptions to the transportation and energy infrastructure supporting agricultural production.

Biodiversity and Habitat. Specific climate change challenges to biodiversity and habitat include species migration in response to climatic changes, range shift and novel combinations of species; pathogens, parasites and disease; invasive species; extinction risks; changes in the timing of seasonal life-cycle events; food web disruptions; and threshold effects (i.e., a change in the ecosystem that results in a “tipping point” beyond which irreversible damage or loss has occurs).

Energy. Specific climate change challenges for the energy sector include temperature, fluctuating precipitation patterns, increasing extreme weather events, and sea level rise.

Forestry. The most significant climate change-related risk to forests is accelerated risk of wildfire and more frequent and severe droughts. Droughts have resulted in more large-scale mortalities and combined with increasing temperatures have led to an overall increase in wildfire risks. Increased wildfire intensity subsequently increases public safety risks, property damage, fire suppression and emergency response costs, watershed and water quality impacts, and vegetation conversions.

Ocean and Coastal Ecosystems and Resources. Sea level rise, changing ocean conditions, and other climate change stressors are likely to exacerbate long-standing challenges related to ocean and coastal ecosystems in addition to threatening people and infrastructure located along the California coastline and in coastal communities. Sea level rise in addition to more frequent and severe coastal storms and erosion are threatening vital infrastructure such as roads, bridges, power plants, ports and airports, gasoline pipes, and emergency facilities as well as negatively impacting the coastal recreational assets such as beaches and tidal wetlands.

Public Health. Climate change can impact public health through various environmental changes and is the largest threat to human health in the twenty-first century. Changes in precipitation patterns affect public health primarily through potential for altered water supplies, and extreme events such as heat, floods, droughts, and wildfires. Increased frequency, intensity, and duration of extreme heat and heat waves are likely to increase the risk of mortality due to heat-related illness, as well as exacerbate existing chronic health conditions. Other extreme weather events are likely to negatively impact air quality and increase or intensify respiratory illness such as asthma and allergies.

Transportation. While the transportation industry is a source of GHG emissions, it is also vulnerable to climate change risks. Increasing temperatures and extended periods of extreme heat threaten the integrity of the roadways and rail lines. High temperatures cause the road surfaces to expand, which leads to increased pressure and pavement buckling. High temperatures can also cause rail breakages, which could lead to train derailment. Other forms of extreme weather events, such as extreme storm events, can negatively impact infrastructure, which can impair movement of peoples and goods, or potentially block evacuation routes and emergency access roads. Increased wildfires, flooding, erosion risks, landslides, mudslides and rockslides can all profoundly impact the transportation system and pose a serious risk to public safety.

Water. Climate change could seriously impact the timing, form, amount of precipitation, runoff patterns, and frequency and severity of precipitation events. Higher temperatures reduce the amount of snowpack and lead to earlier snowmelt, which can impact water supply availability, natural ecosystems, and winter recreation. Water supply availability during the intense dry summer months is heavily dependent on the snowpack accumulated during the winter time. Increased risk of flooding has a variety of public health concerns including water quality, public safety, property damage, displacement, and post-disaster mental health problems. Prolonged and intensified droughts can also negatively impact groundwater reserves and result in increased overdraft and subsidence. The higher risk of wildfires can lead to increased erosion, which can negatively impact watersheds and result in poor water quality.

In March 2016, the CNRA released Safeguarding California: Implementation Action Plans, a document that shows how California is acting to convert the recommendations contained in the 2014 Safeguarding California plan into action (CNRA 2016). Additionally, in May 2017, CNRA released the draft Safeguarding California Plan: 2017 Update, which is a survey of current programmatic responses for climate change and contains recommendations for further actions (CNRA 2017).

The CNRA released Safeguarding California Plan: 2018 Update in January 2018, which provides a roadmap for state agencies to protect communities, infrastructure, services, and the natural environment from climate change impacts. The 2018 Safeguarding California Plan includes 69 recommendations across 11 sectors and more than 1,000 ongoing actions and next steps developed by scientific and policy experts across 38 state agencies (CNRA 2018). As with previous state adaptation plans, the 2018 Update addresses the following: acceleration of warming across the state, more intense and frequent heat waves, greater riverine flows, accelerating sea level rise, more intense and frequent drought, more severe and frequent wildfires, more severe storms and extreme weather events, shrinking snowpack and less overall precipitation, and ocean acidification, hypoxia, and warming.

3.4 Significance Criteria and Methodology

3.4.1 Thresholds of Significance

The significance criteria used to evaluate the project's GHG emissions impacts are based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this GHG emissions analysis, the project would have a significant environmental impact if it would (14 CCR 15000 et seq.):

1. Generate GHG 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 GHGs.

As stated in CEQA Guidelines Section 15064.4(b)(1)-(3), "a lead agency should consider the following factors, among others, when assessing the significance of impacts from GHG emissions on the environment: (1) the extent to which a project may increase or reduce GHG emissions as compared to the existing environmental setting; (2) whether project emissions exceed a threshold of significance that the lead agency determines applies to the project; and, (3) the extent to which the project complies with regulations or requirements adopted to implement a statewide, regional, or local plan for the reduction or mitigation of greenhouse gas emissions."

Section 15064(h)(3) of the CEQA Guidelines also states that: "A lead agency may determine that a project's incremental contribution to a cumulative effect is not cumulatively considerable if the project will comply with the requirements in a previously approved plan or mitigation program that provides specific requirements that will avoid or substantially lessen the cumulative problem within the geographic area in which the project is located."

The CEQA Guidelines do not prescribe specific methodologies for performing an assessment, do not establish specific quantitative 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.

The Office of Planning and Research Technical Advisory titled CEQA and Climate Change: Addressing Climate Change through California Environmental Quality Act Review states that "public agencies are encouraged but not required to adopt thresholds of significance for environmental impacts. Even in the absence of clearly defined thresholds for GHG emissions, the law requires that such emissions from CEQA projects must be disclosed and mitigated to the extent feasible whenever the lead agency determines that the project contributes to a significant, cumulative climate change impact" (OPR 2008). Furthermore, the advisory document indicates that "in the absence of regulatory standards for GHG emissions or other scientific data to clearly define what constitutes a 'significant impact,' individual lead agencies may undertake a project-by-project analysis, consistent with available guidance and current CEQA practice."

Global climate change is a cumulative impact; a project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHGs. There are currently no established quantitative thresholds for assessing whether the GHG emissions of a project, such as the project, would be considered a cumulatively considerable contribution to global climate change; however, all reasonable efforts should be made to minimize a project's contribution to global climate change. In addition, while GHG impacts are recognized exclusively as cumulative impacts (CAPCOA 2008), GHG emissions impacts must also be evaluated on a project-level under CEQA.

City of Oceanside

As the lead agency, the City has the discretion to choose the significance threshold for discretionary projects. The Planning Division Policy Directive 2018-01 provides an interim guidance to assess for GHG emissions impact analysis. Consistent with recent projects certified by the City, the project will utilize a 900 MT CO_2e per year threshold consistent with the California Air Pollution Control Officers Association interim screening level as discussed below.

The analysis for compliance with regulatory programs only applies to the individual area addressed by the regulatory program. If the project is determined to have GHG emissions less than 900 MT CO_2e per year, then the project cumulative contribution of GHG emissions would be considered less than significant. Conversely, if the project is determined to exceed the 900 MT CO_2e per year threshold, then the project would be compared to an efficiency metric, also called a service population, threshold developed specifically for the City and the project's buildout year to evaluate the potential for the project to result in a significant GHG emissions impact.

An efficiency metric approach, which is the basis for the GHG emission reduction targets established in the City's CAP, is appropriate for the project because it measures the project's emissions on a per-service population basis to determine its overall GHG efficiency relative to regulatory GHG reduction goals. Under the efficiency metric, the project's GHG emissions are evaluated herein relative to the emissions level in the project's buildout year and the buildout year's associated efficiency metric. To that end, an efficiency metric threshold was calculated based on the interpolation between the City's 2020 and 2030 efficiency metric thresholds as discussed below.

As there are no emissions, employment, or population data specific to the project buildout year (2024), an efficiency metric was generated for year 2024 by interpolating the efficiency metrics for years 2020 and 2030. The 2020 efficiency metric was estimated to be 4.0 MT CO_2e/SP/yr. The 4.0 MT CO_2e/SP/yr was arrived at by dividing the City's anticipated 2020 GHG emissions (889,200 MT CO_2e) by the total number of residents and employees (i.e., service population) anticipated to exist within the City in 2020 (226,039 people). The 2020 efficiency target was established based on the goal of AB 32 to reduce statewide GHG emissions to 1990 levels by 2020. The 2030 efficiency metric was estimated to be 3.0 MT CO_2e/SP/yr. Like the 2020 threshold, the 3.0 MT CO_2e/SP/yr was arrived at by dividing the City's anticipated 2030 GHG emissions (739,764 MT CO_2e) by the service population in 2030 (236,207 people). The 2030 targets were selected to be consistent with the GHG reduction target date of SB 32. Because the efficiency metric threshold is based on the City's GHG emissions inventory and anticipated service population, the threshold is geographically and jurisdictionally specific to the City.

The efficiency metric for 2020, 2030, and the interpolation for 2024 are illustrated below in Table 17. If the project achieves the 2024 efficiency metric, the project would not interfere with the state's ability to achieve the mid-term and long-term GHG reduction targets per SB 32 and EO S-3-05.

Table 17. 2024 Interpolated Efficiency Metric

	2020 Efficiency Metric (MT CO_2e/SP/yr)	2030 Efficiency Metric (MT CO_2e/SP/yr)	2024 Efficiency Metric[1] (MT CO_2e/SP/yr)
Efficiency Metric	4.0	3.0	3.6

Notes: MT = metric ton; CO_2e = carbon dioxide equivalent; SP = service population; yr = year

1 The 2024 efficiency metric was calculated as follows: (((2030 Efficiency Metric – 2020 Efficiency Metric) ÷ (2030 – 2020)) × (2024 – 2020)) + (2024 Efficiency Metric).

As shown in Table 17, the calculated efficiency metric for 2024 was 3.6 MT CO_2e/SP/yr.

3.4.2 Approach and Methodology

3.4.2.1 Construction

CalEEMod Version 2016.3.2 was used to estimate potential project-generated GHG emissions during construction. Construction of the project would result in GHG emissions primarily associated with use of off-road construction equipment, on-road hauling and vendor (material delivery) trucks, and worker vehicles. All details for construction criteria air pollutants discussed in Section 2.4.2.1, are also applicable for the estimation of construction-related GHG emissions. As such, see Section 2.4.2.1 for a discussion of construction emissions calculation methodology and assumptions.

3.4.2.2 Operation

CalEEMod Version 2016.3.2 was used to estimate potential project-generated operational GHG emissions from area sources (landscape maintenance), energy sources (natural gas and electricity), mobile sources, solid waste, and water supply and wastewater treatment. Emissions from each category are discussed in the following text with respect to the project. For additional details, see Section 2.4.2.2, Operational Emissions, for a discussion of operational emission calculation methodology and assumptions, specifically for area, energy (natural gas and electricity), and mobile sources.

In addition to the quantified reductions described in Section 2.4.2.1, Construction Emissions, the project would incorporate the PDFs summarized in Section 1.4, including installing low-water use appliances and fixtures, installing Energy Star appliances, installing energy-efficient lighting, and installing drought-tolerant landscaping and water-efficient irrigation system.

Area Sources

CalEEMod was used to estimate GHG emissions from the project's area sources, which include operation of gasoline-powered landscape maintenance equipment, which produce minimal GHG emissions. See Section 2.4.2.2, for a discussion of landscaping equipment emissions calculations. Consumer product use and architectural coatings result in VOC emissions, which are analyzed in air quality analysis only, and little to no GHG emissions.

Energy Sources

The estimation of operational energy emissions was based on CalEEMod land use defaults and total area (i.e., square footage) of the project's land uses The energy use from residential and nonresidential buildings were calculated based on CalEEMod energy intensity values (natural gas usage per square foot per year) from the Residential Appliance Saturation Survey database and the California Commercial End-Use Survey database, respectively. Emissions are calculated by multiplying the energy use by the utility carbon intensity (pounds of GHGs per kilowatt-hour for electricity or 1,000 British thermal units for natural gas) for CO_2 and other GHGs. Annual natural gas and electricity emissions were estimated in CalEEMod using the emissions factors for San Diego Gas & Electric (SDG&E), which would be the energy source provider for the project.

CalEEMod default energy intensity factors (CO_2, CH_4, and N_2O mass emissions per kilowatt hour) for SDG&E is based on the value for SDG&E's energy mix in 2009. 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. The CO_2 emissions intensity factor for utility energy use in CalEEMod was adjusted consistent with SDG&E's 2017 Power Content Label, which reported that 44% of the power mix was generated by eligible renewable sources (CEC 2018). Because SDG&E is striving to meet the 50% RPS by 2030, the CO_2 emissions intensity factor is to be less than assumed in CalEEMod at project operation (2024), which would reflect the increase in percentage of renewable energy in SDG&E's energy portfolio. The project applicant would install energy efficient appliances and lighting.

Mobile Sources

All details for criteria air pollutants discussed in Section 2.4.2.2 are also applicable for the estimation of operational mobile source GHG emissions.

Regulatory measures related to mobile sources include AB 1493 (Pavley) and related federal standards. AB 1493 required that CARB establish GHG emission standards for automobiles, light-duty trucks, and other vehicles determined by CARB to be vehicles that are primarily used for noncommercial personal transportation in the state. In addition, the NHTSA and EPA have established corporate fuel economy standards and GHG emission standards, respectively, for automobiles and light-, medium-, and heavy-duty vehicles. Implementation of these standards and fleet turnover (replacement of older vehicles with newer ones) will gradually reduce emissions from the project's motor vehicles. The effectiveness of fuel economy improvements was evaluated by using the CalEEMod emission factors for motor vehicles in 2024 to the extent it was captured in EMFAC 2014.

Solid Waste

The project would generate solid waste, and therefore, result in CO_2e emissions associated with landfill off-gassing. CalEEMod default values for solid waste generation were used to estimate GHG emissions associated with solid waste. Project compliance with statewide solid waste diversion goals, including the 75% diversion rate by 2020 consistent with AB 341 (25% increase from the solid waste diversion requirements of AB 939, Integrated Waste Management Act), would reduce project-generated GHG emissions associated with solid waste disposal.

The project applicant would provide each tenant with a recycling bin slot in their trash enclosure areas for recycling.

Water and Wastewater

Supply, conveyance, treatment, and distribution of water for the project require the use of electricity, which would result in associated indirect GHG emissions. Similarly, wastewater generated by the project requires 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 and associated electricity consumption from water use and wastewater generation were estimated using CalEEMod default values.

The project applicant would install drought-tolerant landscaping, water-efficient irrigation, and low-water use appliances and fixtures.

3.5 Impact Analysis

3.5.1 Threshold 1

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

Construction Emissions

Construction of the project would result in GHG emissions, which are primarily associated with the use of off-road construction equipment, haul trucks, on-road vendor trucks, and worker vehicles.

CalEEMod was used to calculate the annual GHG emissions based on the construction scenario described in Section 2.4.2.1. Construction of the project is anticipated to commence in February 2021 and reach completion in April 2023, lasting a total of 26 months. Table 18 presents construction emissions for the project in 2021–2023 from construction emission sources.

Table 18. Estimated Annual Construction Greenhouse Gas Emissions

Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons			
2021	1,138.31	0.18	0.00	1,142.83
2022	1,291.69	0.14	0.00	1,295.08
2023	444.51	0.04	0.00	445.61
Total	2,874.51	0.36	0.00	2,883.52
30-year Amortized Construction Emissions (MT CO_2e per year)				96.12

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; MT = metric tons.
See Appendix A for complete results.
Totals may not add due to rounding.

As shown in Table 18, the estimated total GHG emissions during construction of would be approximately 2,884 MT CO_2e over the construction period (2021–2023). Estimated project-generated construction emissions amortized over 30 years would be approximately 96 MT CO_2e per year. As with project-generated construction criteria air pollutant emissions, GHG emissions generated during construction of the project would be short-term in nature, lasting only for the duration of the construction period (26 months), and would not represent a long-

term source of GHG emissions. Because there is no separate GHG threshold for construction, the evaluation of significance is discussed in the operational emissions analysis in the following text.

Operational Emissions

Operation of the project would generate GHG emissions through motor vehicle trips to and from the project site; landscape maintenance equipment operation; energy use (natural gas and generation of electricity consumed by the 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 3.4.2.2, Operation.

The estimated operational (year 2024) project-generated GHG emissions from area sources, energy usage, motor vehicles, solid waste generation, and water usage and wastewater generation are shown in Table 19.

Table 19. Estimated Annual Operational Greenhouse Gas Emissions

Emission Source	CO_2	CH_4	N_2O	CO_2e
	metric tons per year			
Area	6.12	<0.01	<0.01	6.23
Energy	569.63	0.02	<0.01	572.19
Mobile	1,646.01	0.09	0.00	1,648.20
Solid waste	21.07	1.25	0.00	52.20
Water supply and wastewater	74.64	0.57	0.01	93.11
			Operational Emissions	2,371.92
			30-Year Amortized Construction Emissions	*96.12*
			Operation plus Amortized Construction Total	**2,468.04**

Notes: CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent; <0.01 = reported emissions are less than 0.01.
See Appendix A for complete results.
The values shown are the annual emissions and reflect CalEEMod; reductions for the energy-efficient appliances and lighting, drought-tolerant landscaping, water-efficient irrigation, low-water use appliances and fixtures, and operational year 2024.
Totals may not add due to rounding.

As shown in Table 19, estimated annual project-generated GHG emissions would be approximately 2,372 MT CO_2e per year as a result of project operations only. Estimated annual project-generated operational emissions in 2024 plus amortized project construction emissions would be approximately 2,648 MT CO_2e per year. The project's service population, defined as the number of residents (866 persons) plus the number of jobs (25 persons) supported by the project, is 891 people. The project's service population is based on City of Oceanside's Housing Element, which estimates an average household size of 2.8 per dwelling unit. Based on the service population of 891 people, the project would result in GHG emissions of approximately 2.97MT CO_2e/SP/yr. Thus, the project's estimated GHG emissions would not exceed 3.6 MT CO_2e/SP/yr, and the project's GHG emissions would be **less than significant**.

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

3.5.2 Threshold 2

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

Consistency with SANDAG'S San Diego Forward: The Regional Plan

Regarding consistency with SANDAG's Regional Plan, the project would be developed to support the policy objectives of the RTP and SB 375. For example, the project would develop a mixed-use community that would include residential uses and commercial amenities.

Table 20 illustrates the project's consistency with applicable goals and policies of San Diego Forward: The Regional Plan (SANDAG 2015).

Table 20. San Diego Forward: The Regional Plan Consistency Analysis

Category	Policy Objective or Strategy	Consistency Analysis
The Regional Plan – Policy Objectives		
Mobility Choices	Provide safe, secure, healthy, affordable, and convenient travel choices between the places where people live, work, and play.	*Not applicable.* The project would not impair the ability of SANDAG to provide additional transportation choices within the region.
Mobility Choices	Take advantage of new technologies to make the transportation system more efficient and environmentally friendly.	*Not applicable.* The project would not impair the ability of SANDAG to implement new technologies within the transportation system within the region.
Habitat and Open Space Preservation	Focus growth in areas that are already urbanized, allowing the region to set aside and restore more open space in our less developed areas.	*Consistent.* The project would not impact any open space.
Habitat and Open Space Preservation	Protect and restore our region's urban canyons, coastlines, beaches, and water resources.	*Consistent.* The project would not impact any open space.
Regional Economic Prosperity	Invest in transportation projects that provide access for all communities to a variety of jobs with competitive wages.	*Not Applicable.* The project would not impair the ability of SANDAG to invest in transportation projects available to all members of the Community.

Table 20. San Diego Forward: The Regional Plan Consistency Analysis

Category	Policy Objective or Strategy	Consistency Analysis
Regional Economic Prosperity	Build infrastructure that makes the movement of freight in our community more efficient and environmentally friendly.	*Not Applicable.* The project does not propose regional freight movement, nor would it impair SANDAG's ability to preserve and expand options for regional freight movement.
Partnerships/Collaboration	Collaborate with Native American tribes, Mexico, military bases, neighboring counties, infrastructure providers, the private sector, and local communities to design a transportation system that connects to the mega-region and national network, and works for everyone and fosters a high quality of life for all.	*Not Applicable.* The project would not impair the ability of SANDAG to provide transportation choices to better connect the San Diego region with Mexico, neighboring counties, and tribal nations.
Partnerships/Collaboration	As we plan for our region, recognize the vital economic, environmental, cultural, and community linkages between the San Diego region and Baja California.	*Not Applicable.* The project would not impair the ability of SANDAG to provide transportation choices to better connect the San Diego region with Mexico.
Healthy and Complete Communities	Create great places for everyone to live, work, and play.	*Consistent*. The project's internal circulation features would provide residents the opportunity to access commercial uses via multiple modes of transportation. The project would encourage non-vehicular modes of transportation through the inclusion of a walking and bicycling network.
Healthy and Complete Communities	Connect communities through a variety of transportation choices that promote healthy lifestyles, including walking and biking.	*Not Applicable.* The project would not impair the ability for SANDAG to create additional transportation opportunities to promote a healthy lifestyle.
Environmental Stewardship	Make transportation investments that result in cleaner air, environmental protection, conservation, efficiency, and sustainable living.	*Consistent.* The project would promote walkability and alternative transportation by creating neighborhoods that are linked by a series of interconnected sidewalks, and bicycle facilities that will connect residents to existing transit. Thus, the project would help reduce the local air quality and GHG emissions.
Environmental Stewardship	Support energy programs that promote sustainability.	*Consistent.* The project would include residential rooftops that would be pre-wired for installation of future solar PV systems.
Sustainable Communities Strategy (SCS) – Strategies		
Strategy #1	Focus housing and job growth in urbanized areas where there is existing and planned transportation infrastructure, including transit.	*Consistent.* The project would be located near major urban and employment centers.

Table 20. San Diego Forward: The Regional Plan Consistency Analysis

Category	Policy Objective or Strategy	Consistency Analysis
Strategy #2	Protect the environment and help ensure the success of smart growth land use policies by preserving sensitive habitat, open space, cultural resources, and farmland.	*Consistent.* The project would not impact any sensitive habitat or open space as it would be located on existing developed land.
Strategy #3	Invest in a transportation network that gives people transportation choices and reduces GHG emissions.	*Not Applicable.* The project would not impair SANDAG's ability to invest in transportation network choices that reduce GHG emissions.
Strategy #4	Address the housing needs of all economic segments of the population.	*Consistent.* The project would develop 309 residential units, which includes market rate apartment and affordable apartments.
Strategy #5	Implement the Regional Plan through incentives and collaboration.	*Not Applicable.* The project would not impair the ability of SANDAG to implement the Regional Transportation Plan through incentives and collaborations.

Source: SANDAG 2015.

As shown in Table 20, the project is consistent with applicable Policy Objectives and Strategies from the Regional Plan.

Consistency Analysis with City of Oceanside General Plan

The project also would be consistent with the goals set forth in the City's General Plan Environmental Resource Management Element, Land Use Element, and Circulation Element that are designed to reduce the emissions of GHGs, reduce energy use in buildings and infrastructure, and promote the use of renewable energy sources, conservation, and other methods of efficiency. Table 21 outlines the project's consistency with applicable General Plan goals.

Table 21. City of Oceanside General Plan – Project Consistency Analysis

Goal	Consistency Analysis
Environmental Resource Management Element[a]	
Air Quality. Cooperate with County, State, and federal agencies in continuing programs of air quality improvement.	*Consistent*. The project would not impair the City's ability to work with the County, state, and other local agencies.
Land Use Element[b]	
Air Quality. The City shall cooperate with the San Diego County Air Pollution Control Board, and participate in the Regional Air Control Strategy (RAQS).	*Consistent.* The project would not impair the City's ability to work with the SDAPCD Board or RAQS.
Bicycle Facilities. Policy A: Development shall provide Class II Bikeways (Bike Lanes) on all secondary, major, and prime arterials.	*Consistent.* The implementation of road improvements by the project would create new linkages to the City's existing bicycle and pedestrian network and implements recommendations identified in the City of Oceanside 2017 Bicycle Master Plan.

Table 21. City of Oceanside General Plan – Project Consistency Analysis

Goal	Consistency Analysis
Bicycle Facilities. Policy D: The use of land shall integrate the Bicycle Circulation System with auto, pedestrian, and transit systems: 1. Development shall provide short-term bicycle parking and long-term bicycle storage facilities such as bicycle racks, pedestal posts, and rental bicycle lockers. 2. Development shall provide safe and convenient bicycle access to high activity land uses, such as schools, parks, shopping, employment, and entertainment centers.	Consistent. The project would install bicycle parking facilities and traffic-calming measures that include marked crosswalks and raised median islands. Furthermore, the existing public coastal access along Costa Pacifica Way for both pedestrians and bicycles would be retained by the project.
Pedestrian. Policy A: The construction of five (5) foot wide sidewalks adjacent to the curb shall be required in all new developments and street improvements.	*Consistent.* The implementation of traffic calming measures and sidewalks by the project would create new linkages to the City's existing pedestrian network and implements recommendations identified in the City of Oceanside 2017 Bicycle Master Plan.
Transit System. Policy A: The City shall coordinate and encourage the existing bus system to serve newly developed areas.	*Consistent.* The North County Transit District provides public transit service (bus and rail) in North San Diego County, and the Oceanside Transit Center is located approximately 1 mile south of the project site. FLEX bus routes 392 and 395 travel along North Coast Highway in the project's vicinity, with the closest bus stops at North Coast Highway/Surfrider Way, located approximately 0.3 mile south of the project site.
Energy. Policy A. The City shall encourage the design, installation, and use of passive and active solar collection systems.	*Consistent.* The project residential rooftops would be pre-wired for future installation of solar PV systems.
Energy. Policy B. The City shall encourage the use of energy efficient design, structures, materials, and equipment in all land developments or uses.	*Consistent.* The project would incorporate integrated energy efficiency measures such as energy-efficient appliances.
Circulation Element[c]	
Policy 2.5. The City will strive to incorporate complete streets throughout Oceanside.	*Not applicable.* The project would not impair the City's ability to incorporate complete streets throughout the City.
Pedestrian Facilities. Support walking as a primary means of transportation.	*Not applicable.* The project would not impair the City's ability to improve the walkability throughout the City.
Intelligent Transportation System Technologies. Improve air quality and reduce greenhouse gas emissions through traffic signal optimization and the use of advanced signal control technologies.	*Not applicable.* The project would not impair the City's ability to optimize traffic signals or use advanced signal control technologies.

Table 21. City of Oceanside General Plan – Project Consistency Analysis

Goal	Consistency Analysis
Transportation Demand Management. The City shall look for opportunities to incorporate Transportation Demand Management (TDM) programs into their Energy Roadmap that contributes to state and regional goals for saving energy and reducing greenhouse gas emissions.	*Not applicable.* The project would not impair the City's ability to incorporate TDM strategies into their Energy Roadmap.

Sources:
[a] City of Oceanside 1975; [b] City of Oceanside 1986; [c] City of Oceanside 2002.

As shown in Table 21p, the project would be consistent with applicable and goals and policies of the City's General Plan to the extent feasible.

Consistency with the City of Oceanside's Climate Action Plan

The City prepared a GHG emissions inventory and a CAP, both of which inform the E-CAP (City of Oceanside 2019a). The City's Final CAP was adopted on May 8, 2019. The CAP demonstrates that, with implementation of applicable General Plan objectives and policies, coupled with state and federal actions and execution of CAP measures and actions, the City will reduce GHG emissions in alignment with state goals established by Senate Bill 32 and maintain a trajectory to meet its proportional share of the 2050 state target identified in Executive Order S-3-05. Since the project would result in total GHG emissions that would not exceed the calculated efficiency metric threshold of 3.6 MT CO_2e/SP/yr for a buildout year of 2024, which was interpolated based on the CAP efficiency thresholds for years 2020 and 2030, the project would not conflict with the City's CAP.

Consistency with SB 32 and EO S-3-05

- **EO S-3-05.** This EO establishes the following goals: GHG emissions should be reduced to 2000 levels by 2010, to 1990 levels by 2020, and to 80% below 1990 levels by 2050.
- **SB 32.** This bill establishes for a statewide GHG emissions reduction target whereby CARB, in adopting rules and regulations to achieve the maximum technologically feasible and cost-effective GHG emissions reductions, shall ensure that statewide GHG emissions are reduced to at least 40% below 1990 levels by December 31, 2030.

This section evaluates whether the GHG emissions trajectory after project completion would impede the attainment of the 2030 and 2050 GHG reduction goals identified in EOs B-30-15 and S-3-05.

To begin, CARB has expressed optimism with regard to both the 2030 and 2050 goals. It states in the First Update to the Climate Change Scoping Plan that "California is on track to meet the near-term 2020 GHG emissions limit and is well positioned to maintain and continue reductions beyond 2020 as required by AB 32" (CARB 2014, p. ES2). With regard to the 2050 target for reducing GHG emissions to 80% below 1990 levels, the First Update to the Climate Change Scoping Plan states the following (CARB 2014, p. 34):

> This level of reduction is achievable in California. In fact, if California realizes the expected benefits of existing policy goals (such as 12,000 megawatts of renewable distributed generation by 2020, net zero energy homes after 2020, existing building retrofits under AB 758, and others)

> it could reduce emissions by 2030 to levels squarely in line with those needed in the developed world and to stay on track to reduce emissions to 80% below 1990 levels by 2050. Additional measures, including locally driven measures and those necessary to meet federal air quality standards in 2032, could lead to even greater emission reductions.

In other words, CARB believes that the state is on a trajectory to meet the 2030 and 2050 GHG reduction targets set forth in AB 32, EO B-30-15, and EO S-3-05. This is confirmed in the Second Update, which states (CARB 2017, p. 7):

> The Proposed Plan builds upon the successful framework established by the Initial Scoping Plan and First Update, while also identifying new, technologically feasibility and cost-effective strategies to ensure that California meets its GHG reduction targets in a way that promotes and rewards innovation, continues to foster economic growth, and delivers improvements to the environment and public health, including in disadvantaged communities. The Proposed Plan is developed to be consistent with requirements set forth in AB 32, SB 32, and AB 197.

The project would not interfere with implementation of any of the above-described GHG reduction goals for 2030 or 2050 because the project would result in emissions less than the calculated efficiency metric (as described in Section 3.5.1). Therefore, the project would be consistent with SB 32 and EO S-3-05, and impacts related to GHG emissions would be **less than significant.**

Mitigation Measures

No mitigation is required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

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5 List of Preparers

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APPENDIX A

CalEEMod Output Files

Alta Oceanside Unmitigated

San Diego County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	504.00	Space	4.54	201,600.00	0
Other Asphalt Surfaces	231.30	1000sqft	5.31	231,300.00	0
Parking Lot	24.00	Space	0.22	9,600.00	0
High Turnover (Sit Down Restaurant)	5.80	1000sqft	0.13	5,800.00	0
Apartments Mid Rise	309.00	Dwelling Unit	8.13	309,000.00	884

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	422.45	**CH4 Intensity (lb/MWhr)**	0.017	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted 2024 SDG&E RPS

Land Use -

Construction Phase - Data provided by applicant

Off-road Equipment -

Trips and VMT - Building construction phase, imported fill 12,500 cy / 9 cy per truck = 1,389 round trips

Demolition -

Grading - Data provided by applicant.

Architectural Coating - Data from applicant.

Vehicle Trips - TIA

Woodstoves - Data provided by applicant.

Area Coating - Data provided by applicant.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Dust control measures

Mobile Land Use Mitigation -

Energy Mitigation - 80-90% will be LED, energy efficient appliances.

Water Mitigation - Data provided by applicant, PDF

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	120.00
tblConstructionPhase	NumDays	300.00	600.00
tblConstructionPhase	NumDays	20.00	48.00
tblConstructionPhase	NumDays	30.00	24.00
tblConstructionPhase	NumDays	20.00	96.00
tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	169.95	3.00
tblFireplaces	NumberNoFireplace	30.90	306.00
tblFireplaces	NumberWood	108.15	0.00
tblGrading	AcresOfGrading	60.00	5.31
tblGrading	MaterialExported	0.00	10,700.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.017
tblProjectCharacteristics	CO2IntensityFactor	720.49	422.45
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004
tblTripsAndVMT	HaulingTripNumber	0.00	2,778.00
tblTripsAndVMT	WorkerTripNumber	5.00	12.00

tblVehicleTrips	ST_TR	6.39	5.17
tblVehicleTrips	ST_TR	158.37	178.73
tblVehicleTrips	SU_TR	5.86	4.74
tblVehicleTrips	SU_TR	131.84	148.79
tblVehicleTrips	WD_TR	6.65	5.38
tblVehicleTrips	WD_TR	127.15	143.49
tblWoodstoves	NumberCatalytic	15.45	0.00
tblWoodstoves	NumberNoncatalytic	15.45	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.5931	5.3983	4.8861	0.0125	0.6070	0.2112	0.8182	0.2130	0.1965	0.4095	0.0000	1,138.3165	1,138.3165	0.1805	0.0000	1,142.8286
2022	1.2336	4.3937	4.5797	0.0141	0.6557	0.1349	0.7907	0.1767	0.1270	0.3037	0.0000	1,291.6950	1,291.6950	0.1353	0.0000	1,295.0762
2023	2.5761	1.2962	1.5874	4.8500e-003	0.2534	0.0409	0.2943	0.0679	0.0387	0.1066	0.0000	444.5108	444.5108	0.0438	0.0000	445.6061
Maximum	**2.5761**	**5.3983**	**4.8861**	**0.0141**	**0.6557**	**0.2112**	**0.8182**	**0.2130**	**0.1965**	**0.4095**	**0.0000**	**1,291.6950**	**1,291.6950**	**0.1805**	**0.0000**	**1,295.0762**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	tons/yr										MT/yr					
2021	0.5931	5.3983	4.8861	0.0125	0.4007	0.2112	0.6118	0.1294	0.1965	0.3259	0.0000	1,138.3159	1,138.3159	0.1805	0.0000	1,142.8280
2022	1.2336	4.3937	4.5797	0.0141	0.5127	0.1349	0.6477	0.1416	0.1270	0.2686	0.0000	1,291.6946	1,291.6946	0.1353	0.0000	1,295.0758
2023	2.5761	1.2962	1.5874	4.8500e-003	0.1975	0.0409	0.2383	0.0542	0.0387	0.0928	0.0000	444.5106	444.5106	0.0438	0.0000	445.6059
Maximum	**2.5761**	**5.3983**	**4.8861**	**0.0141**	**0.5127**	**0.2112**	**0.6477**	**0.1416**	**0.1965**	**0.3259**	**0.0000**	**1,291.6946**	**1,291.6946**	**0.1805**	**0.0000**	**1,295.0758**

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	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**26.73**	**0.00**	**21.30**	**28.96**	**0.00**	**16.16**	**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	**2-1-2021**	**4-30-2021**	1.7066	1.7066
2	**5-1-2021**	**7-31-2021**	1.7576	1.7576
3	**8-1-2021**	**10-31-2021**	1.5899	1.5899
4	**11-1-2021**	**1-31-2022**	1.3144	1.3144
5	**2-1-2022**	**4-30-2022**	1.1942	1.1942
6	**5-1-2022**	**7-31-2022**	1.2272	1.2272
7	**8-1-2022**	**10-31-2022**	1.2309	1.2309
8	**11-1-2022**	**1-31-2023**	2.6069	2.6069
9	**2-1-2023**	**4-30-2023**	2.8137	2.8137
		Highest	2.8137	2.8137

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.6371	0.0285	2.3013	1.3000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	6.1244	6.1244	3.6800e-003	4.0000e-005	6.2293
Energy	0.0178	0.1554	0.0867	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	683.6326	683.6326	0.0238	8.0400e-003	686.6225
Mobile	0.5652	2.2500	6.3416	0.0227	2.1267	0.0179	2.1446	0.5694	0.0167	0.5861	0.0000	2,098.7868	2,098.7868	0.1070	0.0000	2,101.4622
Waste						0.0000	0.0000		0.0000	0.0000	42.1389	0.0000	42.1389	2.4903	0.0000	104.3973
Water						0.0000	0.0000		0.0000	0.0000	6.9168	81.6454	88.5622	0.7137	0.0176	111.6340
Total	**2.2202**	**2.4339**	**8.7295**	**0.0238**	**2.1267**	**0.0431**	**2.1698**	**0.5694**	**0.0419**	**0.6113**	**49.0557**	**2,870.1892**	**2,919.2449**	**3.3385**	**0.0256**	**3,010.3453**

2.2 Overall Operational

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	1.6371	0.0285	2.3013	1.3000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	6.1244	6.1244	3.6800e-003	4.0000e-005	6.2293
Energy	0.0178	0.1554	0.0867	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	569.6315	569.6315	0.0192	6.9600e-003	572.1851
Mobile	0.5156	1.9996	5.2502	0.0178	1.6310	0.0143	1.6453	0.4367	0.0133	0.4500	0.0000	1,646.0145	1,646.0145	0.0875	0.0000	1,648.2015
Waste						0.0000	0.0000		0.0000	0.0000	21.0695	0.0000	21.0695	1.2452	0.0000	52.1987
Water						0.0000	0.0000		0.0000	0.0000	5.5334	69.1037	74.6371	0.5711	0.0141	93.1091
Total	**2.1706**	**2.1835**	**7.6382**	**0.0189**	**1.6310**	**0.0395**	**1.6705**	**0.4367**	**0.0385**	**0.4752**	**26.6029**	**2,290.8741**	**2,317.4770**	**1.9267**	**0.0211**	**2,371.9235**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.23**	**10.29**	**12.50**	**20.60**	**23.31**	**8.33**	**23.01**	**23.31**	**8.00**	**22.26**	**45.77**	**20.18**	**20.61**	**42.29**	**17.79**	**21.21**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/1/2021	3/27/2021	6	48	
2	Site Preparation	Site Preparation	3/27/2021	4/9/2021	6	12	
3	Grading	Grading	4/9/2021	5/6/2021	6	24	
4	Trenching	Trenching	5/6/2021	9/22/2021	6	120	
5	Paving	Paving	5/6/2021	8/25/2021	6	96	
6	Building Construction	Building Construction	5/31/2021	4/29/2023	6	600	
7	Architectural Coating	Architectural Coating	12/1/2022	4/19/2023	6	120	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.31

Acres of Paving: 10.07

Residential Indoor: 625,725; Residential Outdoor: 208,575; Non-Residential Indoor: 8,250; Non-Residential Outdoor: 2,750; Striped Parking Area: 26,550 (Architectural Coating – sqft)

OffRoad Equipment

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Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
Trenching	Excavators	1	7.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	1	7.00	97	0.37
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
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
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	38.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	1,338.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	2	12.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	411.00	106.00	2,778.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	82.00	0.00	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

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					4.1400e-003	0.0000	4.1400e-003	6.3000e-004	0.0000	6.3000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0760	0.7546	0.5176	9.3000e-004		0.0372	0.0372		0.0346	0.0346	0.0000	81.6019	81.6019	0.0230	0.0000	82.1761
Total	**0.0760**	**0.7546**	**0.5176**	**9.3000e-004**	**4.1400e-003**	**0.0372**	**0.0414**	**6.3000e-004**	**0.0346**	**0.0352**	**0.0000**	**81.6019**	**81.6019**	**0.0230**	**0.0000**	**82.1761**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	4.9600e-003	1.2200e-003	1.0000e-005	3.3000e-004	1.0000e-005	3.4000e-004	9.0000e-005	1.0000e-005	1.0000e-004	0.0000	1.4471	1.4471	1.3000e-004	0.0000	1.4504
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	8.9000e-004	8.9900e-003	3.0000e-005	2.8900e-003	2.0000e-005	2.9100e-003	7.7000e-004	2.0000e-005	7.9000e-004	0.0000	2.5219	2.5219	7.0000e-005	0.0000	2.5237
Total	**1.3900e-003**	**5.8500e-003**	**0.0102**	**4.0000e-005**	**3.2200e-003**	**3.0000e-005**	**3.2500e-003**	**8.6000e-004**	**3.0000e-005**	**8.9000e-004**	**0.0000**	**3.9690**	**3.9690**	**2.0000e-004**	**0.0000**	**3.9740**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					1.6100e-003	0.0000	1.6100e-003	2.4000e-004	0.0000	2.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0760	0.7546	0.5176	9.3000e-004		0.0372	0.0372		0.0346	0.0346	0.0000	81.6018	81.6018	0.0230	0.0000	82.1760
Total	**0.0760**	**0.7546**	**0.5176**	**9.3000e-004**	**1.6100e-003**	**0.0372**	**0.0388**	**2.4000e-004**	**0.0346**	**0.0348**	**0.0000**	**81.6018**	**81.6018**	**0.0230**	**0.0000**	**82.1760**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.4000e-004	4.9600e-003	1.2200e-003	1.0000e-005	2.6000e-004	1.0000e-005	2.8000e-004	7.0000e-005	1.0000e-005	9.0000e-005	0.0000	1.4471	1.4471	1.3000e-004	0.0000	1.4504
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.2500e-003	8.9000e-004	8.9900e-003	3.0000e-005	2.2400e-003	2.0000e-005	2.2600e-003	6.1000e-004	2.0000e-005	6.3000e-004	0.0000	2.5219	2.5219	7.0000e-005	0.0000	2.5237
Total	**1.3900e-003**	**5.8500e-003**	**0.0102**	**4.0000e-005**	**2.5000e-003**	**3.0000e-005**	**2.5400e-003**	**6.8000e-004**	**3.0000e-005**	**7.2000e-004**	**0.0000**	**3.9690**	**3.9690**	**2.0000e-004**	**0.0000**	**3.9740**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.1084	0.0000	0.1084	0.0596	0.0000	0.0596	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0233	0.2430	0.1269	2.3000e-004		0.0123	0.0123		0.0113	0.0113	0.0000	20.0614	20.0614	6.4900e-003	0.0000	20.2236
Total	**0.0233**	**0.2430**	**0.1269**	**2.3000e-004**	**0.1084**	**0.0123**	**0.1207**	**0.0596**	**0.0113**	**0.0709**	**0.0000**	**20.0614**	**20.0614**	**6.4900e-003**	**0.0000**	**20.2236**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.7000e-004	2.7000e-003	1.0000e-005	8.7000e-004	1.0000e-005	8.7000e-004	2.3000e-004	1.0000e-005	2.4000e-004	0.0000	0.7566	0.7566	2.0000e-005	0.0000	0.7571
Total	**3.8000e-004**	**2.7000e-004**	**2.7000e-003**	**1.0000e-005**	**8.7000e-004**	**1.0000e-005**	**8.7000e-004**	**2.3000e-004**	**1.0000e-005**	**2.4000e-004**	**0.0000**	**0.7566**	**0.7566**	**2.0000e-005**	**0.0000**	**0.7571**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0423	0.0000	0.0423	0.0232	0.0000	0.0232	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0233	0.2430	0.1269	2.3000e-004		0.0123	0.0123		0.0113	0.0113	0.0000	20.0614	20.0614	6.4900e-003	0.0000	20.2236
Total	**0.0233**	**0.2430**	**0.1269**	**2.3000e-004**	**0.0423**	**0.0123**	**0.0546**	**0.0232**	**0.0113**	**0.0345**	**0.0000**	**20.0614**	**20.0614**	**6.4900e-003**	**0.0000**	**20.2236**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.8000e-004	2.7000e-004	2.7000e-003	1.0000e-005	6.7000e-004	1.0000e-005	6.8000e-004	1.8000e-004	1.0000e-005	1.9000e-004	0.0000	0.7566	0.7566	2.0000e-005	0.0000	0.7571
Total	**3.8000e-004**	**2.7000e-004**	**2.7000e-003**	**1.0000e-005**	**6.7000e-004**	**1.0000e-005**	**6.8000e-004**	**1.8000e-004**	**1.0000e-005**	**1.9000e-004**	**0.0000**	**0.7566**	**0.7566**	**2.0000e-005**	**0.0000**	**0.7571**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0758	0.0000	0.0758	0.0401	0.0000	0.0401	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0503	0.5568	0.3705	7.4000e-004		0.0238	0.0238		0.0219	0.0219	0.0000	65.3940	65.3940	0.0212	0.0000	65.9227
Total	**0.0503**	**0.5568**	**0.3705**	**7.4000e-004**	**0.0758**	**0.0238**	**0.0997**	**0.0401**	**0.0219**	**0.0621**	**0.0000**	**65.3940**	**65.3940**	**0.0212**	**0.0000**	**65.9227**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0200e-003	0.1747	0.0431	5.1000e-004	0.0115	5.3000e-004	0.0120	3.1400e-003	5.1000e-004	3.6500e-003	0.0000	50.9525	50.9525	4.6000e-003	0.0000	51.0674
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	6.0000e-004	6.0000e-003	2.0000e-005	1.9200e-003	1.0000e-005	1.9400e-003	5.1000e-004	1.0000e-005	5.2000e-004	0.0000	1.6813	1.6813	5.0000e-005	0.0000	1.6825
Total	**5.8500e-003**	**0.1753**	**0.0491**	**5.3000e-004**	**0.0134**	**5.4000e-004**	**0.0139**	**3.6500e-003**	**5.2000e-004**	**4.1700e-003**	**0.0000**	**52.6337**	**52.6337**	**4.6500e-003**	**0.0000**	**52.7499**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					0.0296	0.0000	0.0296	0.0157	0.0000	0.0157	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0503	0.5568	0.3705	7.4000e-004		0.0238	0.0238		0.0219	0.0219	0.0000	65.3939	65.3939	0.0212	0.0000	65.9226
Total	**0.0503**	**0.5568**	**0.3705**	**7.4000e-004**	**0.0296**	**0.0238**	**0.0534**	**0.0157**	**0.0219**	**0.0376**	**0.0000**	**65.3939**	**65.3939**	**0.0212**	**0.0000**	**65.9226**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.0200e-003	0.1747	0.0431	5.1000e-004	9.2100e-003	5.3000e-004	9.7400e-003	2.6000e-003	5.1000e-004	3.1000e-003	0.0000	50.9525	50.9525	4.6000e-003	0.0000	51.0674
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	8.3000e-004	6.0000e-004	6.0000e-003	2.0000e-005	1.4900e-003	1.0000e-005	1.5000e-003	4.1000e-004	1.0000e-005	4.2000e-004	0.0000	1.6813	1.6813	5.0000e-005	0.0000	1.6825
Total	**5.8500e-003**	**0.1753**	**0.0491**	**5.3000e-004**	**0.0107**	**5.4000e-004**	**0.0112**	**3.0100e-003**	**5.2000e-004**	**3.5200e-003**	**0.0000**	**52.6337**	**52.6337**	**4.6500e-003**	**0.0000**	**52.7499**

3.5 Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.2126	0.2904	4.3000e-004		0.0114	0.0114		0.0104	0.0104	0.0000	38.1538	38.1538	0.0123	0.0000	38.4623
Total	**0.0219**	**0.2126**	**0.2904**	**4.3000e-004**		**0.0114**	**0.0114**		**0.0104**	**0.0104**	**0.0000**	**38.1538**	**38.1538**	**0.0123**	**0.0000**	**38.4623**

3.5 Trenching - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-003	1.7900e-003	0.0180	6.0000e-005	5.7700e-003	4.0000e-005	5.8100e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.0438	5.0438	1.4000e-004	0.0000	5.0474
Total	**2.5000e-003**	**1.7900e-003**	**0.0180**	**6.0000e-005**	**5.7700e-003**	**4.0000e-005**	**5.8100e-003**	**1.5300e-003**	**4.0000e-005**	**1.5700e-003**	**0.0000**	**5.0438**	**5.0438**	**1.4000e-004**	**0.0000**	**5.0474**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0219	0.2126	0.2904	4.3000e-004		0.0114	0.0114		0.0104	0.0104	0.0000	38.1537	38.1537	0.0123	0.0000	38.4622
Total	**0.0219**	**0.2126**	**0.2904**	**4.3000e-004**		**0.0114**	**0.0114**		**0.0104**	**0.0104**	**0.0000**	**38.1537**	**38.1537**	**0.0123**	**0.0000**	**38.4622**

3.5 Trenching - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-003	1.7900e-003	0.0180	6.0000e-005	4.4700e-003	4.0000e-005	4.5100e-003	1.2200e-003	4.0000e-005	1.2500e-003	0.0000	5.0438	5.0438	1.4000e-004	0.0000	5.0474
Total	**2.5000e-003**	**1.7900e-003**	**0.0180**	**6.0000e-005**	**4.4700e-003**	**4.0000e-005**	**4.5100e-003**	**1.2200e-003**	**4.0000e-005**	**1.2500e-003**	**0.0000**	**5.0438**	**5.0438**	**1.4000e-004**	**0.0000**	**5.0474**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0603	0.6201	0.7034	1.0900e-003		0.0325	0.0325		0.0299	0.0299	0.0000	96.1127	96.1127	0.0311	0.0000	96.8898
Paving	7.2400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0675**	**0.6201**	**0.7034**	**1.0900e-003**		**0.0325**	**0.0325**		**0.0299**	**0.0299**	**0.0000**	**96.1127**	**96.1127**	**0.0311**	**0.0000**	**96.8898**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-003	1.7900e-003	0.0180	6.0000e-005	5.7700e-003	4.0000e-005	5.8100e-003	1.5300e-003	4.0000e-005	1.5700e-003	0.0000	5.0438	5.0438	1.4000e-004	0.0000	5.0474
Total	**2.5000e-003**	**1.7900e-003**	**0.0180**	**6.0000e-005**	**5.7700e-003**	**4.0000e-005**	**5.8100e-003**	**1.5300e-003**	**4.0000e-005**	**1.5700e-003**	**0.0000**	**5.0438**	**5.0438**	**1.4000e-004**	**0.0000**	**5.0474**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0603	0.6201	0.7034	1.0900e-003		0.0325	0.0325		0.0299	0.0299	0.0000	96.1126	96.1126	0.0311	0.0000	96.8897
Paving	7.2400e-003					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**0.0675**	**0.6201**	**0.7034**	**1.0900e-003**		**0.0325**	**0.0325**		**0.0299**	**0.0299**	**0.0000**	**96.1126**	**96.1126**	**0.0311**	**0.0000**	**96.8897**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	2.5000e-003	1.7900e-003	0.0180	6.0000e-005	4.4700e-003	4.0000e-005	4.5100e-003	1.2200e-003	4.0000e-005	1.2500e-003	0.0000	5.0438	5.0438	1.4000e-004	0.0000	5.0474
Total	**2.5000e-003**	**1.7900e-003**	**0.0180**	**6.0000e-005**	**4.4700e-003**	**4.0000e-005**	**4.5100e-003**	**1.2200e-003**	**4.0000e-005**	**1.2500e-003**	**0.0000**	**5.0438**	**5.0438**	**1.4000e-004**	**0.0000**	**5.0474**

3.7 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1758	1.6125	1.5332	2.4900e-003		0.0887	0.0887		0.0834	0.0834	0.0000	214.2645	214.2645	0.0517	0.0000	215.5568
Total	**0.1758**	**1.6125**	**1.5332**	**2.4900e-003**		**0.0887**	**0.0887**		**0.0834**	**0.0834**	**0.0000**	**214.2645**	**214.2645**	**0.0517**	**0.0000**	**215.5568**

3.7 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.2200e-003	0.1119	0.0276	3.3000e-004	0.0197	3.4000e-004	0.0200	5.0500e-003	3.2000e-004	5.3700e-003	0.0000	32.6183	32.6183	2.9400e-003	0.0000	32.6919
Vendor	0.0303	1.0076	0.2687	2.6300e-003	0.0651	2.1300e-003	0.0672	0.0188	2.0400e-003	0.0208	0.0000	256.3420	256.3420	0.0190	0.0000	256.8176
Worker	0.1322	0.0943	0.9498	2.9500e-003	0.3049	2.1600e-003	0.3070	0.0810	1.9900e-003	0.0830	0.0000	266.3212	266.3212	7.6300e-003	0.0000	266.5120
Total	**0.1657**	**1.2138**	**1.2461**	**5.9100e-003**	**0.3896**	**4.6300e-003**	**0.3943**	**0.1049**	**4.3500e-003**	**0.1092**	**0.0000**	**555.2815**	**555.2815**	**0.0296**	**0.0000**	**556.0215**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.1758	1.6125	1.5332	2.4900e-003		0.0887	0.0887		0.0834	0.0834	0.0000	214.2642	214.2642	0.0517	0.0000	215.5565
Total	**0.1758**	**1.6125**	**1.5332**	**2.4900e-003**		**0.0887**	**0.0887**		**0.0834**	**0.0834**	**0.0000**	**214.2642**	**214.2642**	**0.0517**	**0.0000**	**215.5565**

3.7 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	3.2200e-003	0.1119	0.0276	3.3000e-004	0.0150	3.4000e-004	0.0154	3.9100e-003	3.2000e-004	4.2300e-003	0.0000	32.6183	32.6183	2.9400e-003	0.0000	32.6919
Vendor	0.0303	1.0076	0.2687	2.6300e-003	0.0531	2.1300e-003	0.0553	0.0159	2.0400e-003	0.0179	0.0000	256.3420	256.3420	0.0190	0.0000	256.8176
Worker	0.1322	0.0943	0.9498	2.9500e-003	0.2362	2.1600e-003	0.2384	0.0642	1.9900e-003	0.0662	0.0000	266.3212	266.3212	7.6300e-003	0.0000	266.5120
Total	**0.1657**	**1.2138**	**1.2461**	**5.9100e-003**	**0.3044**	**4.6300e-003**	**0.3090**	**0.0839**	**4.3500e-003**	**0.0883**	**0.0000**	**555.2815**	**555.2815**	**0.0296**	**0.0000**	**556.0215**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2670	2.4439	2.5609	4.2200e-003		0.1266	0.1266		0.1191	0.1191	0.0000	362.6500	362.6500	0.0869	0.0000	364.8220
Total	**0.2670**	**2.4439**	**2.5609**	**4.2200e-003**		**0.1266**	**0.1266**		**0.1191**	**0.1191**	**0.0000**	**362.6500**	**362.6500**	**0.0869**	**0.0000**	**364.8220**

3.7 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.1100e-003	0.1730	0.0463	5.5000e-004	0.0209	4.8000e-004	0.0214	5.5000e-003	4.6000e-004	5.9700e-003	0.0000	54.4628	54.4628	4.9300e-003	0.0000	54.5860
Vendor	0.0477	1.6099	0.4304	4.4000e-003	0.1101	3.1100e-003	0.1132	0.0318	2.9700e-003	0.0348	0.0000	429.5957	429.5957	0.0312	0.0000	430.3752
Worker	0.2116	0.1454	1.4919	4.8000e-003	0.5158	3.5700e-003	0.5194	0.1371	3.2900e-003	0.1404	0.0000	434.0692	434.0692	0.0118	0.0000	434.3649
Total	**0.2644**	**1.9283**	**1.9686**	**9.7500e-003**	**0.6469**	**7.1600e-003**	**0.6540**	**0.1744**	**6.7200e-003**	**0.1811**	**0.0000**	**918.1276**	**918.1276**	**0.0479**	**0.0000**	**919.3261**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.2670	2.4438	2.5609	4.2200e-003		0.1266	0.1266		0.1191	0.1191	0.0000	362.6496	362.6496	0.0869	0.0000	364.8216
Total	**0.2670**	**2.4438**	**2.5609**	**4.2200e-003**		**0.1266**	**0.1266**		**0.1191**	**0.1191**	**0.0000**	**362.6496**	**362.6496**	**0.0869**	**0.0000**	**364.8216**

3.7 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	5.1100e-003	0.1730	0.0463	5.5000e-004	0.0163	4.8000e-004	0.0168	4.3600e-003	4.6000e-004	4.8300e-003	0.0000	54.4628	54.4628	4.9300e-003	0.0000	54.5860
Vendor	0.0477	1.6099	0.4304	4.4000e-003	0.0899	3.1100e-003	0.0930	0.0268	2.9700e-003	0.0298	0.0000	429.5957	429.5957	0.0312	0.0000	430.3752
Worker	0.2116	0.1454	1.4919	4.8000e-003	0.3997	3.5700e-003	0.4033	0.1086	3.2900e-003	0.1119	0.0000	434.0692	434.0692	0.0118	0.0000	434.3649
Total	**0.2644**	**1.9283**	**1.9686**	**9.7500e-003**	**0.5058**	**7.1600e-003**	**0.5130**	**0.1397**	**6.7200e-003**	**0.1465**	**0.0000**	**918.1276**	**918.1276**	**0.0479**	**0.0000**	**919.3261**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0802	0.7336	0.8284	1.3700e-003		0.0357	0.0357		0.0336	0.0336	0.0000	118.2204	118.2204	0.0281	0.0000	118.9235
Total	**0.0802**	**0.7336**	**0.8284**	**1.3700e-003**		**0.0357**	**0.0357**		**0.0336**	**0.0336**	**0.0000**	**118.2204**	**118.2204**	**0.0281**	**0.0000**	**118.9235**

3.7 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1900e-003	0.0387	0.0141	1.7000e-004	0.0189	7.0000e-005	0.0189	4.7500e-003	7.0000e-005	4.8200e-003	0.0000	17.1464	17.1464	1.5300e-003	0.0000	17.1848
Vendor	0.0120	0.4121	0.1277	1.3900e-003	0.0359	4.9000e-004	0.0364	0.0104	4.7000e-004	0.0108	0.0000	136.4718	136.4718	9.2800e-003	0.0000	136.7038
Worker	0.0654	0.0433	0.4509	1.5000e-003	0.1681	1.1400e-003	0.1692	0.0447	1.0500e-003	0.0457	0.0000	136.0506	136.0506	3.5200e-003	0.0000	136.1387
Total	**0.0785**	**0.4942**	**0.5928**	**3.0600e-003**	**0.2228**	**1.7000e-003**	**0.2246**	**0.0598**	**1.5900e-003**	**0.0614**	**0.0000**	**289.6688**	**289.6688**	**0.0143**	**0.0000**	**290.0273**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Off-Road	0.0802	0.7336	0.8284	1.3700e-003		0.0357	0.0357		0.0336	0.0336	0.0000	118.2203	118.2203	0.0281	0.0000	118.9234
Total	**0.0802**	**0.7336**	**0.8284**	**1.3700e-003**		**0.0357**	**0.0357**		**0.0336**	**0.0336**	**0.0000**	**118.2203**	**118.2203**	**0.0281**	**0.0000**	**118.9234**

3.7 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	1.1900e-003	0.0387	0.0141	1.7000e-004	0.0142	7.0000e-005	0.0143	3.6100e-003	7.0000e-005	3.6800e-003	0.0000	17.1464	17.1464	1.5300e-003	0.0000	17.1848
Vendor	0.0120	0.4121	0.1277	1.3900e-003	0.0293	4.9000e-004	0.0298	8.7400e-003	4.7000e-004	9.2100e-003	0.0000	136.4718	136.4718	9.2800e-003	0.0000	136.7038
Worker	0.0654	0.0433	0.4509	1.5000e-003	0.1303	1.1400e-003	0.1314	0.0354	1.0500e-003	0.0364	0.0000	136.0506	136.0506	3.5200e-003	0.0000	136.1387
Total	**0.0785**	**0.4942**	**0.5928**	**3.0600e-003**	**0.1738**	**1.7000e-003**	**0.1755**	**0.0477**	**1.5900e-003**	**0.0493**	**0.0000**	**289.6688**	**289.6688**	**0.0143**	**0.0000**	**290.0273**

3.8 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6958					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7600e-003	0.0190	0.0245	4.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	3.4469	3.4469	2.2000e-004	0.0000	3.4525
Total	**0.6985**	**0.0190**	**0.0245**	**4.0000e-005**		**1.1000e-003**	**1.1000e-003**		**1.1000e-003**	**1.1000e-003**	**0.0000**	**3.4469**	**3.4469**	**2.2000e-004**	**0.0000**	**3.4525**

3.8 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6400e-003	2.5000e-003	0.0257	8.0000e-005	8.8800e-003	6.0000e-005	8.9400e-003	2.3600e-003	6.0000e-005	2.4200e-003	0.0000	7.4705	7.4705	2.0000e-004	0.0000	7.4756
Total	**3.6400e-003**	**2.5000e-003**	**0.0257**	**8.0000e-005**	**8.8800e-003**	**6.0000e-005**	**8.9400e-003**	**2.3600e-003**	**6.0000e-005**	**2.4200e-003**	**0.0000**	**7.4705**	**7.4705**	**2.0000e-004**	**0.0000**	**7.4756**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	0.6958					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	2.7600e-003	0.0190	0.0245	4.0000e-005		1.1000e-003	1.1000e-003		1.1000e-003	1.1000e-003	0.0000	3.4469	3.4469	2.2000e-004	0.0000	3.4525
Total	**0.6985**	**0.0190**	**0.0245**	**4.0000e-005**		**1.1000e-003**	**1.1000e-003**		**1.1000e-003**	**1.1000e-003**	**0.0000**	**3.4469**	**3.4469**	**2.2000e-004**	**0.0000**	**3.4525**

3.8 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	3.6400e-003	2.5000e-003	0.0257	8.0000e-005	6.8800e-003	6.0000e-005	6.9400e-003	1.8700e-003	6.0000e-005	1.9200e-003	0.0000	7.4705	7.4705	2.0000e-004	0.0000	7.4756
Total	**3.6400e-003**	**2.5000e-003**	**0.0257**	**8.0000e-005**	**6.8800e-003**	**6.0000e-005**	**6.9400e-003**	**1.8700e-003**	**6.0000e-005**	**1.9200e-003**	**0.0000**	**7.4705**	**7.4705**	**2.0000e-004**	**0.0000**	**7.4756**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3965					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.9100e-003	0.0606	0.0842	1.4000e-004		3.2900e-003	3.2900e-003		3.2900e-003	3.2900e-003	0.0000	11.8726	11.8726	7.1000e-004	0.0000	11.8904
Total	**2.4054**	**0.0606**	**0.0842**	**1.4000e-004**		**3.2900e-003**	**3.2900e-003**		**3.2900e-003**	**3.2900e-003**	**0.0000**	**11.8726**	**11.8726**	**7.1000e-004**	**0.0000**	**11.8904**

3.8 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0119	7.8700e-003	0.0820	2.7000e-004	0.0306	2.1000e-004	0.0308	8.1300e-003	1.9000e-004	8.3200e-003	0.0000	24.7489	24.7489	6.4000e-004	0.0000	24.7649
Total	**0.0119**	**7.8700e-003**	**0.0820**	**2.7000e-004**	**0.0306**	**2.1000e-004**	**0.0308**	**8.1300e-003**	**1.9000e-004**	**8.3200e-003**	**0.0000**	**24.7489**	**24.7489**	**6.4000e-004**	**0.0000**	**24.7649**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Archit. Coating	2.3965					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	8.9100e-003	0.0606	0.0842	1.4000e-004		3.2900e-003	3.2900e-003		3.2900e-003	3.2900e-003	0.0000	11.8726	11.8726	7.1000e-004	0.0000	11.8904
Total	**2.4054**	**0.0606**	**0.0842**	**1.4000e-004**		**3.2900e-003**	**3.2900e-003**		**3.2900e-003**	**3.2900e-003**	**0.0000**	**11.8726**	**11.8726**	**7.1000e-004**	**0.0000**	**11.8904**

3.8 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	0.0119	7.8700e-003	0.0820	2.7000e-004	0.0237	2.1000e-004	0.0239	6.4400e-003	1.9000e-004	6.6300e-003	0.0000	24.7489	24.7489	6.4000e-004	0.0000	24.7649
Total	**0.0119**	**7.8700e-003**	**0.0820**	**2.7000e-004**	**0.0237**	**2.1000e-004**	**0.0239**	**6.4400e-003**	**1.9000e-004**	**6.6300e-003**	**0.0000**	**24.7489**	**24.7489**	**6.4000e-004**	**0.0000**	**24.7649**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Integrate Below Market Rate Housing

Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.5156	1.9996	5.2502	0.0178	1.6310	0.0143	1.6453	0.4367	0.0133	0.4500	0.0000	1,646.0145	1,646.0145	0.0875	0.0000	1,648.2015
Unmitigated	0.5652	2.2500	6.3416	0.0227	2.1267	0.0179	2.1446	0.5694	0.0167	0.5861	0.0000	2,098.7868	2,098.7868	0.1070	0.0000	2,101.4622

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,662.42	1,597.53	1464.66	4,639,578	3,558,146
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	832.24	1,036.63	862.98	1,004,595	770,435
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	2,494.66	2,634.16	2,327.64	5,644,173	4,328,581

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
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
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	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Enclosed Parking with Elevator	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
High Turnover (Sit Down Restaurant)	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Other Asphalt Surfaces	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Parking Lot	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

Install Energy Efficient Appliances

Alta Oceanside Unmitigated - San Diego County, Annual

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	393.1635	393.1635	0.0158	3.7200e-003	394.6684
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	507.1646	507.1646	0.0204	4.8000e-003	509.1059
NaturalGas Mitigated	0.0178	0.1554	0.0867	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.4680	176.4680	3.3800e-003	3.2400e-003	177.5166
NaturalGas Unmitigated	0.0178	0.1554	0.0867	9.7000e-004		0.0123	0.0123		0.0123	0.0123	0.0000	176.4680	176.4680	3.3800e-003	3.2400e-003	177.5166

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.29548e+006	0.0124	0.1058	0.0450	6.8000e-004		8.5500e-003	8.5500e-003		8.5500e-003	8.5500e-003	0.0000	122.4956	122.4956	2.3500e-003	2.2500e-003	123.2235
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	1.0114e+006	5.4500e-003	0.0496	0.0417	3.0000e-004		3.7700e-003	3.7700e-003		3.7700e-003	3.7700e-003	0.0000	53.9724	53.9724	1.0300e-003	9.9000e-004	54.2931
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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		**0.0178**	**0.1554**	**0.0867**	**9.8000e-004**		**0.0123**	**0.0123**		**0.0123**	**0.0123**	**0.0000**	**176.4680**	**176.4680**	**3.3800e-003**	**3.2400e-003**	**177.5166**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	tons/yr										MT/yr					
Apartments Mid Rise	2.29548e+006	0.0124	0.1058	0.0450	6.8000e-004		8.5500e-003	8.5500e-003		8.5500e-003	8.5500e-003	0.0000	122.4956	122.4956	2.3500e-003	2.2500e-003	123.2235
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	1.0114e+006	5.4500e-003	0.0496	0.0417	3.0000e-004		3.7700e-003	3.7700e-003		3.7700e-003	3.7700e-003	0.0000	53.9724	53.9724	1.0300e-003	9.9000e-004	54.2931
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
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		**0.0178**	**0.1554**	**0.0867**	**9.8000e-004**		**0.0123**	**0.0123**		**0.0123**	**0.0123**	**0.0000**	**176.4680**	**176.4680**	**3.3800e-003**	**3.2400e-003**	**177.5166**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	1.23752e+006	237.1344	9.5400e-003	2.2500e-003	238.0420
Enclosed Parking with Elevator	1.18138e+006	226.3754	9.1100e-003	2.1400e-003	227.2419
High Turnover (Sit Down Restaurant)	224460	43.0111	1.7300e-003	4.1000e-004	43.1757
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	3360	0.6438	3.0000e-005	1.0000e-005	0.6463
Total		**507.1646**	**0.0204**	**4.8100e-003**	**509.1059**

5.3 Energy by Land Use - Electricity

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Apartments Mid Rise	998526	191.3377	7.7000e-003	1.8100e-003	192.0700
Enclosed Parking with Elevator	863856	165.5322	6.6600e-003	1.5700e-003	166.1658
High Turnover (Sit Down Restaurant)	189068	36.2293	1.4600e-003	3.4000e-004	36.3680
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	336	0.0644	0.0000	0.0000	0.0646
Total		**393.1635**	**0.0158**	**3.7200e-003**	**394.6684**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	1.6371	0.0285	2.3013	1.3000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	6.1244	6.1244	3.6800e-003	4.0000e-005	6.2293
Unmitigated	1.6371	0.0285	2.3013	1.3000e-004		0.0129	0.0129		0.0129	0.0129	0.0000	6.1244	6.1244	3.6800e-003	4.0000e-005	6.2293

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	tons/yr										MT/yr					
Architectural Coating	0.3092					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2581					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.4000e-004	2.0400e-003	8.7000e-004	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.3630	2.3630	5.0000e-005	4.0000e-005	2.3770
Landscaping	0.0696	0.0265	2.3004	1.2000e-004		0.0127	0.0127		0.0127	0.0127	0.0000	3.7615	3.7615	3.6300e-003	0.0000	3.8523
Total	**1.6371**	**0.0285**	**2.3013**	**1.3000e-004**		**0.0129**	**0.0129**		**0.0129**	**0.0129**	**0.0000**	**6.1244**	**6.1244**	**3.6800e-003**	**4.0000e-005**	**6.2293**

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	0.3092					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	1.2581					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	2.4000e-004	2.0400e-003	8.7000e-004	1.0000e-005		1.6000e-004	1.6000e-004		1.6000e-004	1.6000e-004	0.0000	2.3630	2.3630	5.0000e-005	4.0000e-005	2.3770
Landscaping	0.0696	0.0265	2.3004	1.2000e-004		0.0127	0.0127		0.0127	0.0127	0.0000	3.7615	3.7615	3.6300e-003	0.0000	3.8523
Total	**1.6371**	**0.0285**	**2.3013**	**1.3000e-004**		**0.0129**	**0.0129**		**0.0129**	**0.0129**	**0.0000**	**6.1244**	**6.1244**	**3.6800e-003**	**4.0000e-005**	**6.2293**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	74.6371	0.5711	0.0141	93.1091
Unmitigated	88.5622	0.7137	0.0176	111.6340

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	20.1326 / 12.6923	83.6403	0.6591	0.0162	104.9526
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	1.66944 / 0.10656	4.9219	0.0546	1.3300e-003	6.6814
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**88.5622**	**0.7137**	**0.0176**	**111.6340**

7.2 Water by Land Use

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Apartments Mid Rise	16.1061 / 11.9181	70.6681	0.5275	0.0130	87.7323
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	1.33555 / 0.10006	3.9690	0.0437	1.0600e-003	5.3768
Other Asphalt Surfaces	0 / 0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0 / 0	0.0000	0.0000	0.0000	0.0000
Total		**74.6371**	**0.5711**	**0.0141**	**93.1091**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	21.0695	1.2452	0.0000	52.1987
Unmitigated	42.1389	2.4903	0.0000	104.3973

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	142.14	28.8531	1.7052	0.0000	71.4824
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	65.45	13.2858	0.7852	0.0000	32.9149
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**42.1389**	**2.4903**	**0.0000**	**104.3973**

8.2 Waste by Land Use

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Apartments Mid Rise	71.07	14.4266	0.8526	0.0000	35.7412
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
High Turnover (Sit Down Restaurant)	32.725	6.6429	0.3926	0.0000	16.4575
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**21.0695**	**1.2452**	**0.0000**	**52.1987**

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

Alta Oceanside Unmitigated

San Diego County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	504.00	Space	4.54	201,600.00	0
Other Asphalt Surfaces	231.30	1000sqft	5.31	231,300.00	0
Parking Lot	24.00	Space	0.22	9,600.00	0
High Turnover (Sit Down Restaurant)	5.80	1000sqft	0.13	5,800.00	0
Apartments Mid Rise	309.00	Dwelling Unit	8.13	309,000.00	884

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	422.45	**CH4 Intensity (lb/MWhr)**	0.017	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted 2024 SDG&E RPS

Land Use -

Construction Phase - Data provided by applicant

Off-road Equipment -

Trips and VMT - Building construction phase, imported fill 12,500 cy / 9 cy per truck = 1,389 round trips

Demolition -

Grading - Data provided by applicant.

Architectural Coating - Data from applicant.

Vehicle Trips - TIA

Woodstoves - Data provided by applicant.

Area Coating - Data provided by applicant.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Dust control measures

Mobile Land Use Mitigation -

Energy Mitigation - 80-90% will be LED, energy efficient appliances.

Water Mitigation - Data provided by applicant, PDF

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	120.00
tblConstructionPhase	NumDays	300.00	600.00
tblConstructionPhase	NumDays	20.00	48.00
tblConstructionPhase	NumDays	30.00	24.00
tblConstructionPhase	NumDays	20.00	96.00
tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	169.95	3.00
tblFireplaces	NumberNoFireplace	30.90	306.00
tblFireplaces	NumberWood	108.15	0.00
tblGrading	AcresOfGrading	60.00	5.31
tblGrading	MaterialExported	0.00	10,700.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.017
tblProjectCharacteristics	CO2IntensityFactor	720.49	422.45
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004
tblTripsAndVMT	HaulingTripNumber	0.00	2,778.00
tblTripsAndVMT	WorkerTripNumber	5.00	12.00

tblVehicleTrips	ST_TR	6.39	5.17
tblVehicleTrips	ST_TR	158.37	178.73
tblVehicleTrips	SU_TR	5.86	4.74
tblVehicleTrips	SU_TR	131.84	148.79
tblVehicleTrips	WD_TR	6.65	5.38
tblVehicleTrips	WD_TR	127.15	143.49
tblWoodstoves	NumberCatalytic	15.45	0.00
tblWoodstoves	NumberNoncatalytic	15.45	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	8.6246	101.2729	56.5367	0.1461	25.6720	4.0756	29.7475	13.6255	3.7511	17.3766	0.0000	14,716.8555	14,716.8555	3.5601	0.0000	14,805.8584
2022	55.3915	29.3211	33.2300	0.1006	4.9045	0.9407	5.8452	1.3167	0.8897	2.2064	0.0000	10,149.4093	10,149.4093	0.9835	0.0000	10,173.9962
2023	55.0820	25.3897	32.0084	0.0982	5.1472	0.8082	5.9554	1.3763	0.7643	2.1406	0.0000	9,911.9682	9,911.9682	0.9495	0.0000	9,935.7043
Maximum	**55.3915**	**101.2729**	**56.5367**	**0.1461**	**25.6720**	**4.0756**	**29.7475**	**13.6255**	**3.7511**	**17.3766**	**0.0000**	**14,716.8555**	**14,716.8555**	**3.5601**	**0.0000**	**14,805.8584**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	8.6246	101.2729	56.5367	0.1461	10.5345	4.0756	14.6101	5.4630	3.7511	9.2141	0.0000	14,716.8555	14,716.8555	3.5601	0.0000	14,805.8584
2022	55.3915	29.3211	33.2300	0.1006	3.8259	0.9407	4.7665	1.0520	0.8897	1.9416	0.0000	10,149.4093	10,149.4093	0.9835	0.0000	10,173.9962
2023	55.0820	25.3897	32.0084	0.0982	4.0055	0.8082	4.8137	1.0961	0.7643	1.8604	0.0000	9,911.9682	9,911.9682	0.9495	0.0000	9,935.7043
Maximum	**55.3915**	**101.2729**	**56.5367**	**0.1461**	**10.5345**	**4.0756**	**14.6101**	**5.4630**	**3.7511**	**9.2141**	**0.0000**	**14,716.8555**	**14,716.8555**	**3.5601**	**0.0000**	**14,805.8584**

Alta Oceanside Unmitigated - San Diego County, Summer

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**48.59**	**0.00**	**41.78**	**53.36**	**0.00**	**40.08**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	9.3671	0.3441	25.5813	1.6700e-003		0.1455	0.1455		0.1455	0.1455	0.0000	109.5995	109.5995	0.0457	1.1600e-003	111.0891
Energy	0.0977	0.8512	0.4748	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,065.8774	1,065.8774	0.0204	0.0195	1,072.2114
Mobile	3.5396	12.8849	37.8065	0.1375	12.6131	0.1039	12.7170	3.3706	0.0967	3.4673		14,013.2469	14,013.2469	0.6894		14,030.4819
Total	**13.0044**	**14.0802**	**63.8627**	**0.1445**	**12.6131**	**0.3170**	**12.9301**	**3.3706**	**0.3097**	**3.6803**	**0.0000**	**15,188.7239**	**15,188.7239**	**0.7555**	**0.0207**	**15,213.7823**

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	9.3671	0.3441	25.5813	1.6700e-003		0.1455	0.1455		0.1455	0.1455	0.0000	109.5995	109.5995	0.0457	1.1600e-003	111.0891
Energy	0.0977	0.8512	0.4748	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,065.8774	1,065.8774	0.0204	0.0195	1,072.2114
Mobile	3.2471	11.5189	30.9404	0.1078	9.6732	0.0831	9.7562	2.5849	0.0773	2.6622		10,995.5518	10,995.5518	0.5615		11,009.5901
Total	**12.7119**	**12.7142**	**56.9966**	**0.1148**	**9.6732**	**0.2961**	**9.9693**	**2.5849**	**0.2903**	**2.8753**	**0.0000**	**12,171.0287**	**12,171.0287**	**0.6277**	**0.0207**	**12,192.8905**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.25**	**9.70**	**10.75**	**20.54**	**23.31**	**6.57**	**22.90**	**23.31**	**6.26**	**21.87**	**0.00**	**19.87**	**19.87**	**16.92**	**0.00**	**19.86**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/1/2021	3/27/2021	6	48	
2	Site Preparation	Site Preparation	3/27/2021	4/9/2021	6	12	
3	Grading	Grading	4/9/2021	5/6/2021	6	24	
4	Trenching	Trenching	5/6/2021	9/22/2021	6	120	
5	Paving	Paving	5/6/2021	8/25/2021	6	96	
6	Building Construction	Building Construction	5/31/2021	4/29/2023	6	600	
7	Architectural Coating	Architectural Coating	12/1/2022	4/19/2023	6	120	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.31

Acres of Paving: 10.07

Residential Indoor: 625,725; Residential Outdoor: 208,575; Non-Residential Indoor: 8,250; Non-Residential Outdoor: 2,750; Striped Parking Area: 26,550 (Architectural Coating – sqft)

OffRoad Equipment

Alta Oceanside Unmitigated - San Diego County, Summer

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
Trenching	Excavators	1	7.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	1	7.00	97	0.37
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
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
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	38.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	1,338.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	2	12.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	411.00	106.00	2,778.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	82.00	0.00	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

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1723	0.0000	0.1723	0.0261	0.0000	0.0261			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**0.1723**	**1.5513**	**1.7237**	**0.0261**	**1.4411**	**1.4672**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.8800e-003	0.2029	0.0497	6.1000e-004	0.0138	6.2000e-004	0.0145	3.7900e-003	5.9000e-004	4.3800e-003		66.9497	66.9497	5.9100e-003		67.0975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	**0.0578**	**0.2366**	**0.4475**	**1.8400e-003**	**0.1371**	**1.4700e-003**	**0.1385**	**0.0365**	**1.3700e-003**	**0.0379**		**189.1158**	**189.1158**	**9.4000e-003**		**189.3508**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0672	0.0000	0.0672	0.0102	0.0000	0.0102			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**0.0672**	**1.5513**	**1.6186**	**0.0102**	**1.4411**	**1.4513**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	5.8800e-003	0.2029	0.0497	6.1000e-004	0.0111	6.2000e-004	0.0117	3.1200e-003	5.9000e-004	3.7200e-003		66.9497	66.9497	5.9100e-003		67.0975
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.0954	8.5000e-004	0.0962	0.0259	7.8000e-004	0.0266		122.1661	122.1661	3.4900e-003		122.2533
Total	**0.0578**	**0.2366**	**0.4475**	**1.8400e-003**	**0.1065**	**1.4700e-003**	**0.1080**	**0.0290**	**1.3700e-003**	**0.0304**		**189.1158**	**189.1158**	**9.4000e-003**		**189.3508**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		146.5994	146.5994	4.1800e-003		146.7040
Total	**0.0623**	**0.0405**	**0.4774**	**1.4700e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**146.5994**	**146.5994**	**4.1800e-003**		**146.7040**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**7.0458**	**2.0445**	**9.0903**	**3.8730**	**1.8809**	**5.7539**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0623	0.0405	0.4774	1.4700e-003	0.1145	1.0200e-003	0.1155	0.0310	9.4000e-004	0.0320		146.5994	146.5994	4.1800e-003		146.7040
Total	**0.0623**	**0.0405**	**0.4774**	**1.4700e-003**	**0.1145**	**1.0200e-003**	**0.1155**	**0.0310**	**9.4000e-004**	**0.0320**		**146.5994**	**146.5994**	**4.1800e-003**		**146.7040**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.3194	0.0000	6.3194	3.3451	0.0000	3.3451			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**6.3194**	**1.9853**	**8.3047**	**3.3451**	**1.8265**	**5.1716**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4138	14.2906	3.4961	0.0430	0.9742	0.0436	1.0178	0.2670	0.0417	0.3087		4,714.6676	4,714.6676	0.4165		4,725.0794
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0449	0.5305	1.6300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		162.8882	162.8882	4.6500e-003		163.0044
Total	**0.4830**	**14.3355**	**4.0266**	**0.0446**	**1.1385**	**0.0447**	**1.1832**	**0.3106**	**0.0428**	**0.3533**		**4,877.5558**	**4,877.5558**	**0.4211**		**4,888.0838**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4646	0.0000	2.4646	1.3046	0.0000	1.3046			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**2.4646**	**1.9853**	**4.4499**	**1.3046**	**1.8265**	**3.1311**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4138	14.2906	3.4961	0.0430	0.7825	0.0436	0.8261	0.2199	0.0417	0.2617		4,714.6676	4,714.6676	0.4165		4,725.0794
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0692	0.0449	0.5305	1.6300e-003	0.1272	1.1300e-003	0.1283	0.0345	1.0500e-003	0.0355		162.8882	162.8882	4.6500e-003		163.0044
Total	**0.4830**	**14.3355**	**4.0266**	**0.0446**	**0.9097**	**0.0447**	**0.9544**	**0.2544**	**0.0428**	**0.2972**		**4,877.5558**	**4,877.5558**	**0.4211**		**4,888.0838**

3.5 Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3644	3.5431	4.8405	7.2400e-003		0.1892	0.1892		0.1741	0.1741		700.9555	700.9555	0.2267		706.6231
Total	**0.3644**	**3.5431**	**4.8405**	**7.2400e-003**		**0.1892**	**0.1892**		**0.1741**	**0.1741**		**700.9555**	**700.9555**	**0.2267**		**706.6231**

3.5 Trenching - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0415	0.0270	0.3183	9.8000e-004	0.0986	6.8000e-004	0.0993	0.0262	6.3000e-004	0.0268		97.7329	97.7329	2.7900e-003		97.8026
Total	**0.0415**	**0.0270**	**0.3183**	**9.8000e-004**	**0.0986**	**6.8000e-004**	**0.0993**	**0.0262**	**6.3000e-004**	**0.0268**		**97.7329**	**97.7329**	**2.7900e-003**		**97.8026**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3644	3.5431	4.8405	7.2400e-003		0.1892	0.1892		0.1741	0.1741	0.0000	700.9555	700.9555	0.2267		706.6231
Total	**0.3644**	**3.5431**	**4.8405**	**7.2400e-003**		**0.1892**	**0.1892**		**0.1741**	**0.1741**	**0.0000**	**700.9555**	**700.9555**	**0.2267**		**706.6231**

3.5 Trenching - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0415	0.0270	0.3183	9.8000e-004	0.0763	6.8000e-004	0.0770	0.0207	6.3000e-004	0.0213		97.7329	97.7329	2.7900e-003		97.8026
Total	**0.0415**	**0.0270**	**0.3183**	**9.8000e-004**	**0.0763**	**6.8000e-004**	**0.0770**	**0.0207**	**6.3000e-004**	**0.0213**		**97.7329**	**97.7329**	**2.7900e-003**		**97.8026**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.1509					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4065**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		122.1661	122.1661	3.4900e-003		122.2533
Total	**0.0519**	**0.0337**	**0.3979**	**1.2300e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**122.1661**	**122.1661**	**3.4900e-003**		**122.2533**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.1509					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4065**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0519	0.0337	0.3979	1.2300e-003	0.0954	8.5000e-004	0.0962	0.0259	7.8000e-004	0.0266		122.1661	122.1661	3.4900e-003		122.2533
Total	**0.0519**	**0.0337**	**0.3979**	**1.2300e-003**	**0.0954**	**8.5000e-004**	**0.0962**	**0.0259**	**7.8000e-004**	**0.0266**		**122.1661**	**122.1661**	**3.4900e-003**		**122.2533**

3.7 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.7 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0344	1.1868	0.2904	3.5700e-003	0.2182	3.6200e-003	0.2218	0.0559	3.4600e-003	0.0593		391.5500	391.5500	0.0346		392.4147
Vendor	0.3205	10.7939	2.7507	0.0287	0.7176	0.0227	0.7403	0.2066	0.0217	0.2283		3,088.3306	3,088.3306	0.2207		3,093.8474
Worker	1.4216	0.9236	10.9013	0.0336	3.3763	0.0233	3.3996	0.8955	0.0215	0.9170		3,347.3520	3,347.3520	0.0955		3,349.7403
Total	**1.7765**	**12.9044**	**13.9423**	**0.0659**	**4.3121**	**0.0496**	**4.3617**	**1.1580**	**0.0466**	**1.2046**		**6,827.2326**	**6,827.2326**	**0.3508**		**6,836.0023**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.7 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0344	1.1868	0.2904	3.5700e-003	0.1666	3.6200e-003	0.1702	0.0432	3.4600e-003	0.0467		391.5500	391.5500	0.0346		392.4147
Vendor	0.3205	10.7939	2.7507	0.0287	0.5846	0.0227	0.6073	0.1739	0.0217	0.1956		3,088.3306	3,088.3306	0.2207		3,093.8474
Worker	1.4216	0.9236	10.9013	0.0336	2.6134	0.0233	2.6367	0.7083	0.0215	0.7298		3,347.3520	3,347.3520	0.0955		3,349.7403
Total	**1.7765**	**12.9044**	**13.9423**	**0.0659**	**3.3645**	**0.0496**	**3.4141**	**0.9254**	**0.0466**	**0.9720**		**6,827.2326**	**6,827.2326**	**0.3508**		**6,836.0023**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.7 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0323	1.0861	0.2886	3.5100e-003	0.1370	3.0700e-003	0.1401	0.0360	2.9300e-003	0.0389		386.4421	386.4421	0.0343		387.2983
Vendor	0.2981	10.2007	2.6052	0.0284	0.7176	0.0195	0.7371	0.2066	0.0187	0.2252		3,059.3060	3,059.3060	0.2139		3,064.6538
Worker	1.3440	0.8422	10.1369	0.0324	3.3763	0.0228	3.3991	0.8955	0.0210	0.9166		3,224.5406	3,224.5406	0.0876		3,226.7299
Total	**1.6743**	**12.1289**	**13.0306**	**0.0643**	**4.2309**	**0.0454**	**4.2763**	**1.1381**	**0.0426**	**1.1807**		**6,670.2887**	**6,670.2887**	**0.3357**		**6,678.6820**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.7 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0323	1.0861	0.2886	3.5100e-003	0.1065	3.0700e-003	0.1096	0.0285	2.9300e-003	0.0314		386.4421	386.4421	0.0343		387.2983
Vendor	0.2981	10.2007	2.6052	0.0284	0.5846	0.0195	0.6041	0.1739	0.0187	0.1926		3,059.3060	3,059.3060	0.2139		3,064.6538
Worker	1.3440	0.8422	10.1369	0.0324	2.6134	0.0228	2.6362	0.7083	0.0210	0.7293		3,224.5406	3,224.5406	0.0876		3,226.7299
Total	**1.6743**	**12.1289**	**13.0306**	**0.0643**	**3.3045**	**0.0454**	**3.3498**	**0.9107**	**0.0426**	**0.9533**		**6,670.2887**	**6,670.2887**	**0.3357**		**6,678.6820**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.7 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0231	0.7488	0.2719	3.3800e-003	0.3798	1.3900e-003	0.3812	0.0955	1.3300e-003	0.0969		373.3339	373.3339	0.0328		374.1531
Vendor	0.2298	8.0304	2.3864	0.0276	0.7176	9.4600e-003	0.7270	0.2066	9.0400e-003	0.2156		2,981.9606	2,981.9606	0.1958		2,986.8565
Worker	1.2725	0.7691	9.4164	0.0311	3.3763	0.0224	3.3986	0.8955	0.0206	0.9161		3,101.2708	3,101.2708	0.0802		3,103.2749
Total	**1.5254**	**9.5484**	**12.0746**	**0.0621**	**4.4736**	**0.0332**	**4.5068**	**1.1976**	**0.0310**	**1.2286**		**6,456.5652**	**6,456.5652**	**0.3088**		**6,464.2844**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.7 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0231	0.7488	0.2719	3.3800e-003	0.2862	1.3900e-003	0.2875	0.0726	1.3300e-003	0.0739		373.3339	373.3339	0.0328		374.1531
Vendor	0.2298	8.0304	2.3864	0.0276	0.5846	9.4600e-003	0.5940	0.1739	9.0400e-003	0.1830		2,981.9606	2,981.9606	0.1958		2,986.8565
Worker	1.2725	0.7691	9.4164	0.0311	2.6134	0.0224	2.6357	0.7083	0.0206	0.7289		3,101.2708	3,101.2708	0.0802		3,103.2749
Total	**1.5254**	**9.5484**	**12.0746**	**0.0621**	**3.4841**	**0.0332**	**3.5173**	**0.9548**	**0.0310**	**0.9857**		**6,456.5652**	**6,456.5652**	**0.3088**		**6,464.2844**

3.8 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.5383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**51.7428**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.8 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2681	0.1680	2.0224	6.4500e-003	0.6736	4.5500e-003	0.6782	0.1787	4.1900e-003	0.1829		643.3390	643.3390	0.0175		643.7758
Total	**0.2681**	**0.1680**	**2.0224**	**6.4500e-003**	**0.6736**	**4.5500e-003**	**0.6782**	**0.1787**	**4.1900e-003**	**0.1829**		**643.3390**	**643.3390**	**0.0175**		**643.7758**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.5383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**51.7428**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.8 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2681	0.1680	2.0224	6.4500e-003	0.5214	4.5500e-003	0.5260	0.1413	4.1900e-003	0.1455		643.3390	643.3390	0.0175		643.7758
Total	**0.2681**	**0.1680**	**2.0224**	**6.4500e-003**	**0.5214**	**4.5500e-003**	**0.5260**	**0.1413**	**4.1900e-003**	**0.1455**		**643.3390**	**643.3390**	**0.0175**		**643.7758**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.5383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**51.7300**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.8 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2539	0.1535	1.8787	6.2100e-003	0.6736	4.4600e-003	0.6781	0.1787	4.1100e-003	0.1828		618.7450	618.7450	0.0160		619.1449
Total	**0.2539**	**0.1535**	**1.8787**	**6.2100e-003**	**0.6736**	**4.4600e-003**	**0.6781**	**0.1787**	**4.1100e-003**	**0.1828**		**618.7450**	**618.7450**	**0.0160**		**619.1449**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.5383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**51.7300**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.8 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2539	0.1535	1.8787	6.2100e-003	0.5214	4.4600e-003	0.5259	0.1413	4.1100e-003	0.1454		618.7450	618.7450	0.0160		619.1449
Total	**0.2539**	**0.1535**	**1.8787**	**6.2100e-003**	**0.5214**	**4.4600e-003**	**0.5259**	**0.1413**	**4.1100e-003**	**0.1454**		**618.7450**	**618.7450**	**0.0160**		**619.1449**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Integrate Below Market Rate Housing

Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.2471	11.5189	30.9404	0.1078	9.6732	0.0831	9.7562	2.5849	0.0773	2.6622		10,995.5518	10,995.5518	0.5615		11,009.5901
Unmitigated	3.5396	12.8849	37.8065	0.1375	12.6131	0.1039	12.7170	3.3706	0.0967	3.4673		14,013.2469	14,013.2469	0.6894		14,030.4819

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,662.42	1,597.53	1464.66	4,639,578	3,558,146
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	832.24	1,036.63	862.98	1,004,595	770,435
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	2,494.66	2,634.16	2,327.64	5,644,173	4,328,581

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
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
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	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Enclosed Parking with Elevator	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
High Turnover (Sit Down Restaurant)	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Other Asphalt Surfaces	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Parking Lot	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0977	0.8512	0.4748	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,065.8774	1,065.8774	0.0204	0.0195	1,072.2114
NaturalGas Unmitigated	0.0977	0.8512	0.4748	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,065.8774	1,065.8774	0.0204	0.0195	1,072.2114

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	6288.99	0.0678	0.5796	0.2466	3.7000e-003		0.0469	0.0469		0.0469	0.0469		739.8810	739.8810	0.0142	0.0136	744.2777
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	2770.97	0.0299	0.2717	0.2282	1.6300e-003		0.0207	0.0207		0.0207	0.0207		325.9965	325.9965	6.2500e-003	5.9800e-003	327.9337
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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		**0.0977**	**0.8512**	**0.4748**	**5.3300e-003**		**0.0675**	**0.0675**		**0.0675**	**0.0675**		**1,065.8774**	**1,065.8774**	**0.0204**	**0.0195**	**1,072.2114**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	6.28899	0.0678	0.5796	0.2466	3.7000e-003		0.0469	0.0469		0.0469	0.0469		739.8810	739.8810	0.0142	0.0136	744.2777
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	2.77097	0.0299	0.2717	0.2282	1.6300e-003		0.0207	0.0207		0.0207	0.0207		325.9965	325.9965	6.2500e-003	5.9800e-003	327.9337
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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		**0.0977**	**0.8512**	**0.4748**	**5.3300e-003**		**0.0675**	**0.0675**		**0.0675**	**0.0675**		**1,065.8774**	**1,065.8774**	**0.0204**	**0.0195**	**1,072.2114**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.3671	0.3441	25.5813	1.6700e-003		0.1455	0.1455		0.1455	0.1455	0.0000	109.5995	109.5995	0.0457	1.1600e-003	111.0891
Unmitigated	9.3671	0.3441	25.5813	1.6700e-003		0.1455	0.1455		0.1455	0.1455	0.0000	109.5995	109.5995	0.0457	1.1600e-003	111.0891

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	1.6944					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8935					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.8200e-003	0.0498	0.0212	3.2000e-004		4.0200e-003	4.0200e-003		4.0200e-003	4.0200e-003	0.0000	63.5294	63.5294	1.2200e-003	1.1600e-003	63.9069
Landscaping	0.7734	0.2943	25.5602	1.3500e-003		0.1415	0.1415		0.1415	0.1415		46.0701	46.0701	0.0445		47.1821
Total	**9.3671**	**0.3441**	**25.5813**	**1.6700e-003**		**0.1455**	**0.1455**		**0.1455**	**0.1455**	**0.0000**	**109.5995**	**109.5995**	**0.0457**	**1.1600e-003**	**111.0891**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.6944					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8935					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.8200e-003	0.0498	0.0212	3.2000e-004		4.0200e-003	4.0200e-003		4.0200e-003	4.0200e-003	0.0000	63.5294	63.5294	1.2200e-003	1.1600e-003	63.9069
Landscaping	0.7734	0.2943	25.5602	1.3500e-003		0.1415	0.1415		0.1415	0.1415		46.0701	46.0701	0.0445		47.1821
Total	**9.3671**	**0.3441**	**25.5813**	**1.6700e-003**		**0.1455**	**0.1455**		**0.1455**	**0.1455**	**0.0000**	**109.5995**	**109.5995**	**0.0457**	**1.1600e-003**	**111.0891**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

Alta Oceanside Unmitigated

San Diego County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	504.00	Space	4.54	201,600.00	0
Other Asphalt Surfaces	231.30	1000sqft	5.31	231,300.00	0
Parking Lot	24.00	Space	0.22	9,600.00	0
High Turnover (Sit Down Restaurant)	5.80	1000sqft	0.13	5,800.00	0
Apartments Mid Rise	309.00	Dwelling Unit	8.13	309,000.00	884

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.6	**Precipitation Freq (Days)**	40
Climate Zone	13			**Operational Year**	2024
Utility Company	San Diego Gas & Electric				
CO2 Intensity (lb/MWhr)	422.45	**CH4 Intensity (lb/MWhr)**	0.017	**N2O Intensity (lb/MWhr)**	0.004

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted 2024 SDG&E RPS

Land Use -

Construction Phase - Data provided by applicant

Off-road Equipment -

Trips and VMT - Building construction phase, imported fill 12,500 cy / 9 cy per truck = 1,389 round trips

Demolition -

Grading - Data provided by applicant.

Architectural Coating - Data from applicant.

Vehicle Trips - TIA

Woodstoves - Data provided by applicant.

Area Coating - Data provided by applicant.

Energy Use -

Land Use Change -

Construction Off-road Equipment Mitigation - Dust control measures

Mobile Land Use Mitigation -

Energy Mitigation - 80-90% will be LED, energy efficient appliances.

Water Mitigation - Data provided by applicant, PDF

Waste Mitigation -

Table Name	Column Name	Default Value	New Value
tblArchitecturalCoating	EF_Nonresidential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Nonresidential_Interior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Exterior	250.00	150.00
tblArchitecturalCoating	EF_Residential_Interior	250.00	150.00
tblAreaCoating	Area_EF_Nonresidential_Exterior	250	150
tblAreaCoating	Area_EF_Nonresidential_Interior	250	150
tblAreaCoating	Area_EF_Residential_Exterior	250	150

tblAreaCoating	Area_EF_Residential_Interior	250	150
tblConstDustMitigation	CleanPavedRoadPercentReduction	0	26
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstructionPhase	NumDays	20.00	120.00
tblConstructionPhase	NumDays	300.00	600.00
tblConstructionPhase	NumDays	20.00	48.00
tblConstructionPhase	NumDays	30.00	24.00
tblConstructionPhase	NumDays	20.00	96.00
tblConstructionPhase	NumDays	10.00	12.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblConstructionPhase	NumDaysWeek	5.00	6.00
tblFireplaces	FireplaceWoodMass	3,078.40	0.00
tblFireplaces	NumberGas	169.95	3.00
tblFireplaces	NumberNoFireplace	30.90	306.00
tblFireplaces	NumberWood	108.15	0.00
tblGrading	AcresOfGrading	60.00	5.31
tblGrading	MaterialExported	0.00	10,700.00
tblProjectCharacteristics	CH4IntensityFactor	0.029	0.017
tblProjectCharacteristics	CO2IntensityFactor	720.49	422.45
tblProjectCharacteristics	N2OIntensityFactor	0.006	0.004
tblTripsAndVMT	HaulingTripNumber	0.00	2,778.00
tblTripsAndVMT	WorkerTripNumber	5.00	12.00

tblVehicleTrips	ST_TR	6.39	5.17
tblVehicleTrips	ST_TR	158.37	178.73
tblVehicleTrips	SU_TR	5.86	4.74
tblVehicleTrips	SU_TR	131.84	148.79
tblVehicleTrips	WD_TR	6.65	5.38
tblVehicleTrips	WD_TR	127.15	143.49
tblWoodstoves	NumberCatalytic	15.45	0.00
tblWoodstoves	NumberNoncatalytic	15.45	0.00
tblWoodstoves	WoodstoveDayYear	82.00	0.00
tblWoodstoves	WoodstoveWoodMass	3,019.20	0.00

2.0 Emissions Summary

2.1 Overall Construction (Maximum Daily Emission)

Unmitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	8.6537	101.4066	56.6963	0.1452	25.6720	4.0765	29.7484	13.6255	3.7520	17.3775	0.0000	14,616.4393	14,616.4393	3.5733	0.0000	14,705.7722
2022	55.6291	29.4182	32.7884	0.0974	4.9045	0.9416	5.8461	1.3167	0.8905	2.2073	0.0000	9,826.2389	9,826.2389	0.9916	0.0000	9,851.0293
2023	55.3091	25.4691	31.5307	0.0952	5.1472	0.8088	5.9560	1.3763	0.7649	2.1412	0.0000	9,601.0156	9,601.0156	0.9555	0.0000	9,624.9022
Maximum	**55.6291**	**101.4066**	**56.6963**	**0.1452**	**25.6720**	**4.0765**	**29.7484**	**13.6255**	**3.7520**	**17.3775**	**0.0000**	**14,616.4393**	**14,616.4393**	**3.5733**	**0.0000**	**14,705.7722**

Mitigated Construction

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Year	lb/day										lb/day					
2021	8.6537	101.4066	56.6963	0.1452	10.5345	4.0765	14.6110	5.4630	3.7520	9.2150	0.0000	14,616.4393	14,616.4393	3.5733	0.0000	14,705.7722
2022	55.6291	29.4182	32.7884	0.0974	3.8259	0.9416	4.7674	1.0520	0.8905	1.9425	0.0000	9,826.2389	9,826.2389	0.9916	0.0000	9,851.0293
2023	55.3091	25.4691	31.5307	0.0952	4.0055	0.8088	4.8143	1.0961	0.7649	1.8609	0.0000	9,601.0156	9,601.0156	0.9555	0.0000	9,624.9022
Maximum	**55.6291**	**101.4066**	**56.6963**	**0.1452**	**10.5345**	**4.0765**	**14.6110**	**5.4630**	**3.7520**	**9.2150**	**0.0000**	**14,616.4393**	**14,616.4393**	**3.5733**	**0.0000**	**14,705.7722**

Alta Oceanside Unmitigated - San Diego County, Winter

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**48.59**	**0.00**	**41.78**	**53.36**	**0.00**	**40.08**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

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	9.3671	0.3441	25.5813	1.6700e-003		0.1455	0.1455		0.1455	0.1455	0.0000	109.5995	109.5995	0.0457	1.1600e-003	111.0891
Energy	0.0977	0.8512	0.4748	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,065.8774	1,065.8774	0.0204	0.0195	1,072.2114
Mobile	3.4187	13.1816	37.4867	0.1304	12.6131	0.1045	12.7176	3.3706	0.0972	3.4678		13,292.4386	13,292.4386	0.6958		13,309.8331
Total	**12.8835**	**14.3769**	**63.5429**	**0.1374**	**12.6131**	**0.3175**	**12.9307**	**3.3706**	**0.3103**	**3.6809**	**0.0000**	**14,467.9155**	**14,467.9155**	**0.7619**	**0.0207**	**14,493.1336**

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	9.3671	0.3441	25.5813	1.6700e-003		0.1455	0.1455		0.1455	0.1455	0.0000	109.5995	109.5995	0.0457	1.1600e-003	111.0891
Energy	0.0977	0.8512	0.4748	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,065.8774	1,065.8774	0.0204	0.0195	1,072.2114
Mobile	3.1317	11.7247	31.2272	0.1022	9.6732	0.0837	9.7568	2.5849	0.0778	2.6628		10,420.7472	10,420.7472	0.5714		10,435.0315
Total	**12.5965**	**12.9201**	**57.2833**	**0.1092**	**9.6732**	**0.2967**	**9.9699**	**2.5849**	**0.2909**	**2.8758**	**0.0000**	**11,596.2242**	**11,596.2242**	**0.6375**	**0.0207**	**11,618.3319**

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio-CO2	Total CO2	CH4	N20	CO2e
Percent Reduction	**2.23**	**10.13**	**9.85**	**20.54**	**23.31**	**6.56**	**22.90**	**23.31**	**6.25**	**21.87**	**0.00**	**19.85**	**19.85**	**16.33**	**0.00**	**19.84**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Demolition	Demolition	2/1/2021	3/27/2021	6	48	
2	Site Preparation	Site Preparation	3/27/2021	4/9/2021	6	12	
3	Grading	Grading	4/9/2021	5/6/2021	6	24	
4	Trenching	Trenching	5/6/2021	9/22/2021	6	120	
5	Paving	Paving	5/6/2021	8/25/2021	6	96	
6	Building Construction	Building Construction	5/31/2021	4/29/2023	6	600	
7	Architectural Coating	Architectural Coating	12/1/2022	4/19/2023	6	120	

Acres of Grading (Site Preparation Phase): 0

Acres of Grading (Grading Phase): 5.31

Acres of Paving: 10.07

Residential Indoor: 625,725; Residential Outdoor: 208,575; Non-Residential Indoor: 8,250; Non-Residential Outdoor: 2,750; Striped Parking Area: 26,550 (Architectural Coating – sqft)

OffRoad Equipment

Alta Oceanside Unmitigated - San Diego County, Winter

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Demolition	Concrete/Industrial Saws	1	8.00	81	0.73
Demolition	Excavators	3	8.00	158	0.38
Demolition	Rubber Tired Dozers	2	8.00	247	0.40
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
Trenching	Excavators	1	7.00	158	0.38
Trenching	Tractors/Loaders/Backhoes	1	7.00	97	0.37
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
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
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Demolition	6	15.00	0.00	38.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Site Preparation	7	18.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Grading	8	20.00	0.00	1,338.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Trenching	2	12.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Paving	6	15.00	0.00	0.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Building Construction	9	411.00	106.00	2,778.00	10.80	7.30	20.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	82.00	0.00	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

Clean Paved Roads

3.2 Demolition - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.1723	0.0000	0.1723	0.0261	0.0000	0.0261			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411		3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**0.1723**	**1.5513**	**1.7237**	**0.0261**	**1.4411**	**1.4672**		**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0400e-003	0.2047	0.0528	6.0000e-004	0.0138	6.3000e-004	0.0145	3.7900e-003	6.0000e-004	4.4000e-003		65.7930	65.7930	6.1100e-003		65.9457
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	**0.0649**	**0.2425**	**0.4268**	**1.7500e-003**	**0.1371**	**1.4800e-003**	**0.1385**	**0.0365**	**1.3800e-003**	**0.0379**		**180.4751**	**180.4751**	**9.4000e-003**		**180.7102**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					0.0672	0.0000	0.0672	0.0102	0.0000	0.0102			0.0000			0.0000
Off-Road	3.1651	31.4407	21.5650	0.0388		1.5513	1.5513		1.4411	1.4411	0.0000	3,747.9449	3,747.9449	1.0549		3,774.3174
Total	**3.1651**	**31.4407**	**21.5650**	**0.0388**	**0.0672**	**1.5513**	**1.6186**	**0.0102**	**1.4411**	**1.4513**	**0.0000**	**3,747.9449**	**3,747.9449**	**1.0549**		**3,774.3174**

3.2 Demolition - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	6.0400e-003	0.2047	0.0528	6.0000e-004	0.0111	6.3000e-004	0.0117	3.1200e-003	6.0000e-004	3.7300e-003		65.7930	65.7930	6.1100e-003		65.9457
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.0954	8.5000e-004	0.0962	0.0259	7.8000e-004	0.0266		114.6821	114.6821	3.2900e-003		114.7645
Total	**0.0649**	**0.2425**	**0.4268**	**1.7500e-003**	**0.1065**	**1.4800e-003**	**0.1080**	**0.0290**	**1.3800e-003**	**0.0304**		**180.4751**	**180.4751**	**9.4000e-003**		**180.7102**

3.3 Site Preparation - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					18.0663	0.0000	18.0663	9.9307	0.0000	9.9307			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809		3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**18.0663**	**2.0445**	**20.1107**	**9.9307**	**1.8809**	**11.8116**		**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1479	1.0200e-003	0.1489	0.0392	9.4000e-004	0.0402		137.6186	137.6186	3.9500e-003		137.7174
Total	**0.0706**	**0.0454**	**0.4488**	**1.3800e-003**	**0.1479**	**1.0200e-003**	**0.1489**	**0.0392**	**9.4000e-004**	**0.0402**		**137.6186**	**137.6186**	**3.9500e-003**		**137.7174**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					7.0458	0.0000	7.0458	3.8730	0.0000	3.8730			0.0000			0.0000
Off-Road	3.8882	40.4971	21.1543	0.0380		2.0445	2.0445		1.8809	1.8809	0.0000	3,685.6569	3,685.6569	1.1920		3,715.4573
Total	**3.8882**	**40.4971**	**21.1543**	**0.0380**	**7.0458**	**2.0445**	**9.0903**	**3.8730**	**1.8809**	**5.7539**	**0.0000**	**3,685.6569**	**3,685.6569**	**1.1920**		**3,715.4573**

3.3 Site Preparation - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0706	0.0454	0.4488	1.3800e-003	0.1145	1.0200e-003	0.1155	0.0310	9.4000e-004	0.0320		137.6186	137.6186	3.9500e-003		137.7174
Total	**0.0706**	**0.0454**	**0.4488**	**1.3800e-003**	**0.1145**	**1.0200e-003**	**0.1155**	**0.0310**	**9.4000e-004**	**0.0320**		**137.6186**	**137.6186**	**3.9500e-003**		**137.7174**

3.4 Grading - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					6.3194	0.0000	6.3194	3.3451	0.0000	3.3451			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265		6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**6.3194**	**1.9853**	**8.3047**	**3.3451**	**1.8265**	**5.1716**		**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4253	14.4138	3.7162	0.0423	0.9742	0.0445	1.0187	0.2670	0.0426	0.3096		4,633.2109	4,633.2109	0.4302		4,643.9648
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0785	0.0505	0.4987	1.5300e-003	0.1643	1.1300e-003	0.1654	0.0436	1.0500e-003	0.0446		152.9095	152.9095	4.3900e-003		153.0193
Total	**0.5037**	**14.4643**	**4.2148**	**0.0438**	**1.1385**	**0.0457**	**1.1841**	**0.3106**	**0.0437**	**0.3542**		**4,786.1204**	**4,786.1204**	**0.4345**		**4,796.9841**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Fugitive Dust					2.4646	0.0000	2.4646	1.3046	0.0000	1.3046			0.0000			0.0000
Off-Road	4.1912	46.3998	30.8785	0.0620		1.9853	1.9853		1.8265	1.8265	0.0000	6,007.0434	6,007.0434	1.9428		6,055.6134
Total	**4.1912**	**46.3998**	**30.8785**	**0.0620**	**2.4646**	**1.9853**	**4.4499**	**1.3046**	**1.8265**	**3.1311**	**0.0000**	**6,007.0434**	**6,007.0434**	**1.9428**		**6,055.6134**

3.4 Grading - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.4253	14.4138	3.7162	0.0423	0.7825	0.0445	0.8271	0.2199	0.0426	0.2625		4,633.2109	4,633.2109	0.4302		4,643.9648
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0785	0.0505	0.4987	1.5300e-003	0.1272	1.1300e-003	0.1283	0.0345	1.0500e-003	0.0355		152.9095	152.9095	4.3900e-003		153.0193
Total	**0.5037**	**14.4643**	**4.2148**	**0.0438**	**0.9097**	**0.0457**	**0.9554**	**0.2544**	**0.0437**	**0.2981**		**4,786.1204**	**4,786.1204**	**0.4345**		**4,796.9841**

3.5 Trenching - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3644	3.5431	4.8405	7.2400e-003		0.1892	0.1892		0.1741	0.1741		700.9555	700.9555	0.2267		706.6231
Total	**0.3644**	**3.5431**	**4.8405**	**7.2400e-003**		**0.1892**	**0.1892**		**0.1741**	**0.1741**		**700.9555**	**700.9555**	**0.2267**		**706.6231**

3.5 Trenching - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0471	0.0303	0.2992	9.2000e-004	0.0986	6.8000e-004	0.0993	0.0262	6.3000e-004	0.0268		91.7457	91.7457	2.6400e-003		91.8116
Total	**0.0471**	**0.0303**	**0.2992**	**9.2000e-004**	**0.0986**	**6.8000e-004**	**0.0993**	**0.0262**	**6.3000e-004**	**0.0268**		**91.7457**	**91.7457**	**2.6400e-003**		**91.8116**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	0.3644	3.5431	4.8405	7.2400e-003		0.1892	0.1892		0.1741	0.1741	0.0000	700.9555	700.9555	0.2267		706.6231
Total	**0.3644**	**3.5431**	**4.8405**	**7.2400e-003**		**0.1892**	**0.1892**		**0.1741**	**0.1741**	**0.0000**	**700.9555**	**700.9555**	**0.2267**		**706.6231**

3.5 Trenching - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0471	0.0303	0.2992	9.2000e-004	0.0763	6.8000e-004	0.0770	0.0207	6.3000e-004	0.0213		91.7457	91.7457	2.6400e-003		91.8116
Total	**0.0471**	**0.0303**	**0.2992**	**9.2000e-004**	**0.0763**	**6.8000e-004**	**0.0770**	**0.0207**	**6.3000e-004**	**0.0213**		**91.7457**	**91.7457**	**2.6400e-003**		**91.8116**

3.6 Paving - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235		2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.1509					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4065**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**		**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.6 Paving - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.1232	8.5000e-004	0.1241	0.0327	7.8000e-004	0.0335		114.6821	114.6821	3.2900e-003		114.7645
Total	**0.0588**	**0.0378**	**0.3740**	**1.1500e-003**	**0.1232**	**8.5000e-004**	**0.1241**	**0.0327**	**7.8000e-004**	**0.0335**		**114.6821**	**114.6821**	**3.2900e-003**		**114.7645**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.2556	12.9191	14.6532	0.0228		0.6777	0.6777		0.6235	0.6235	0.0000	2,207.2109	2,207.2109	0.7139		2,225.0573
Paving	0.1509					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**1.4065**	**12.9191**	**14.6532**	**0.0228**		**0.6777**	**0.6777**		**0.6235**	**0.6235**	**0.0000**	**2,207.2109**	**2,207.2109**	**0.7139**		**2,225.0573**

3.6 Paving - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.0588	0.0378	0.3740	1.1500e-003	0.0954	8.5000e-004	0.0962	0.0259	7.8000e-004	0.0266		114.6821	114.6821	3.2900e-003		114.7645
Total	**0.0588**	**0.0378**	**0.3740**	**1.1500e-003**	**0.0954**	**8.5000e-004**	**0.0962**	**0.0259**	**7.8000e-004**	**0.0266**		**114.6821**	**114.6821**	**3.2900e-003**		**114.7645**

3.7 Building Construction - 2021

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013		2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**		**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.7 Building Construction - 2021

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0353	1.1971	0.3086	3.5100e-003	0.2182	3.7000e-003	0.2219	0.0559	3.5400e-003	0.0594		384.7851	384.7851	0.0357		385.6782
Vendor	0.3379	10.7652	3.0628	0.0280	0.7176	0.0236	0.7412	0.2066	0.0226	0.2291		3,008.4846	3,008.4846	0.2344		3,014.3438
Worker	1.6121	1.0367	10.2473	0.0315	3.3763	0.0233	3.3996	0.8955	0.0215	0.9170		3,142.2905	3,142.2905	0.0903		3,144.5475
Total	**1.9853**	**12.9990**	**13.6187**	**0.0630**	**4.3121**	**0.0506**	**4.3627**	**1.1580**	**0.0476**	**1.2056**		**6,535.5602**	**6,535.5602**	**0.3604**		**6,544.5694**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.9009	17.4321	16.5752	0.0269		0.9586	0.9586		0.9013	0.9013	0.0000	2,553.3639	2,553.3639	0.6160		2,568.7643
Total	**1.9009**	**17.4321**	**16.5752**	**0.0269**		**0.9586**	**0.9586**		**0.9013**	**0.9013**	**0.0000**	**2,553.3639**	**2,553.3639**	**0.6160**		**2,568.7643**

3.7 Building Construction - 2021

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0353	1.1971	0.3086	3.5100e-003	0.1666	3.7000e-003	0.1703	0.0432	3.5400e-003	0.0468		384.7851	384.7851	0.0357		385.6782
Vendor	0.3379	10.7652	3.0628	0.0280	0.5846	0.0236	0.6082	0.1739	0.0226	0.1965		3,008.4846	3,008.4846	0.2344		3,014.3438
Worker	1.6121	1.0367	10.2473	0.0315	2.6134	0.0233	2.6367	0.7083	0.0215	0.7298		3,142.2905	3,142.2905	0.0903		3,144.5475
Total	**1.9853**	**12.9990**	**13.6187**	**0.0630**	**3.3645**	**0.0506**	**3.4151**	**0.9254**	**0.0476**	**0.9730**		**6,535.5602**	**6,535.5602**	**0.3604**		**6,544.5694**

3.7 Building Construction - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612		2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**		**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.7 Building Construction - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0332	1.0942	0.3059	3.4500e-003	0.1370	3.1400e-003	0.1402	0.0360	3.0000e-003	0.0390		379.6983	379.6983	0.0353		380.5814
Vendor	0.3143	10.1662	2.9000	0.0277	0.7176	0.0203	0.7379	0.2066	0.0194	0.2260		2,979.6878	2,979.6878	0.2269		2,985.3599
Worker	1.5277	0.9451	9.5085	0.0304	3.3763	0.0228	3.3991	0.8955	0.0210	0.9166		3,027.1202	3,027.1202	0.0827		3,029.1864
Total	**1.8752**	**12.2055**	**12.7144**	**0.0615**	**4.2309**	**0.0463**	**4.2772**	**1.1381**	**0.0435**	**1.1815**		**6,386.5062**	**6,386.5062**	**0.3449**		**6,395.1277**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.7062	15.6156	16.3634	0.0269		0.8090	0.8090		0.7612	0.7612	0.0000	2,554.3336	2,554.3336	0.6120		2,569.6322
Total	**1.7062**	**15.6156**	**16.3634**	**0.0269**		**0.8090**	**0.8090**		**0.7612**	**0.7612**	**0.0000**	**2,554.3336**	**2,554.3336**	**0.6120**		**2,569.6322**

3.7 Building Construction - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0332	1.0942	0.3059	3.4500e-003	0.1065	3.1400e-003	0.1097	0.0285	3.0000e-003	0.0315		379.6983	379.6983	0.0353		380.5814
Vendor	0.3143	10.1662	2.9000	0.0277	0.5846	0.0203	0.6049	0.1739	0.0194	0.1934		2,979.6878	2,979.6878	0.2269		2,985.3599
Worker	1.5277	0.9451	9.5085	0.0304	2.6134	0.0228	2.6362	0.7083	0.0210	0.7293		3,027.1202	3,027.1202	0.0827		3,029.1864
Total	**1.8752**	**12.2055**	**12.7144**	**0.0615**	**3.3045**	**0.0463**	**3.3507**	**0.9107**	**0.0435**	**0.9541**		**6,386.5062**	**6,386.5062**	**0.3449**		**6,395.1277**

3.7 Building Construction - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584		2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**		**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.7 Building Construction - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0237	0.7516	0.2844	3.3200e-003	0.3798	1.4300e-003	0.3812	0.0955	1.3700e-003	0.0969		366.8295	366.8295	0.0337		367.6706
Vendor	0.2426	7.9946	2.6195	0.0269	0.7176	9.9900e-003	0.7276	0.2066	9.5500e-003	0.2161		2,905.1349	2,905.1349	0.2065		2,910.2979
Worker	1.4506	0.8629	8.8134	0.0292	3.3763	0.0224	3.3986	0.8955	0.0206	0.9161		2,911.5084	2,911.5084	0.0755		2,913.3969
Total	**1.7170**	**9.6091**	**11.7172**	**0.0594**	**4.4736**	**0.0338**	**4.5074**	**1.1976**	**0.0315**	**1.2292**		**6,183.4727**	**6,183.4727**	**0.3157**		**6,191.3655**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Off-Road	1.5728	14.3849	16.2440	0.0269		0.6997	0.6997		0.6584	0.6584	0.0000	2,555.2099	2,555.2099	0.6079		2,570.4061
Total	**1.5728**	**14.3849**	**16.2440**	**0.0269**		**0.6997**	**0.6997**		**0.6584**	**0.6584**	**0.0000**	**2,555.2099**	**2,555.2099**	**0.6079**		**2,570.4061**

3.7 Building Construction - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0237	0.7516	0.2844	3.3200e-003	0.2862	1.4300e-003	0.2876	0.0726	1.3700e-003	0.0739		366.8295	366.8295	0.0337		367.6706
Vendor	0.2426	7.9946	2.6195	0.0269	0.5846	9.9900e-003	0.5946	0.1739	9.5500e-003	0.1835		2,905.1349	2,905.1349	0.2065		2,910.2979
Worker	1.4506	0.8629	8.8134	0.0292	2.6134	0.0224	2.6357	0.7083	0.0206	0.7289		2,911.5084	2,911.5084	0.0755		2,913.3969
Total	**1.7170**	**9.6091**	**11.7172**	**0.0594**	**3.4841**	**0.0338**	**3.5179**	**0.9548**	**0.0315**	**0.9863**		**6,183.4727**	**6,183.4727**	**0.3157**		**6,191.3655**

3.8 Architectural Coating - 2022

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.5383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817		281.4481	281.4481	0.0183		281.9062
Total	**51.7428**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**		**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.8 Architectural Coating - 2022

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3048	0.1886	1.8971	6.0600e-003	0.6736	4.5500e-003	0.6782	0.1787	4.1900e-003	0.1829		603.9510	603.9510	0.0165		604.3632
Total	**0.3048**	**0.1886**	**1.8971**	**6.0600e-003**	**0.6736**	**4.5500e-003**	**0.6782**	**0.1787**	**4.1900e-003**	**0.1829**		**603.9510**	**603.9510**	**0.0165**		**604.3632**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.5383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2045	1.4085	1.8136	2.9700e-003		0.0817	0.0817		0.0817	0.0817	0.0000	281.4481	281.4481	0.0183		281.9062
Total	**51.7428**	**1.4085**	**1.8136**	**2.9700e-003**		**0.0817**	**0.0817**		**0.0817**	**0.0817**	**0.0000**	**281.4481**	**281.4481**	**0.0183**		**281.9062**

3.8 Architectural Coating - 2022

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.3048	0.1886	1.8971	6.0600e-003	0.5214	4.5500e-003	0.5260	0.1413	4.1900e-003	0.1455		603.9510	603.9510	0.0165		604.3632
Total	**0.3048**	**0.1886**	**1.8971**	**6.0600e-003**	**0.5214**	**4.5500e-003**	**0.5260**	**0.1413**	**4.1900e-003**	**0.1455**		**603.9510**	**603.9510**	**0.0165**		**604.3632**

3.8 Architectural Coating - 2023

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.5383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708		281.4481	281.4481	0.0168		281.8690
Total	**51.7300**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**		**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.8 Architectural Coating - 2023

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2894	0.1722	1.7584	5.8300e-003	0.6736	4.4600e-003	0.6781	0.1787	4.1100e-003	0.1828		580.8849	580.8849	0.0151		581.2617
Total	**0.2894**	**0.1722**	**1.7584**	**5.8300e-003**	**0.6736**	**4.4600e-003**	**0.6781**	**0.1787**	**4.1100e-003**	**0.1828**		**580.8849**	**580.8849**	**0.0151**		**581.2617**

Mitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Archit. Coating	51.5383					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.1917	1.3030	1.8111	2.9700e-003		0.0708	0.0708		0.0708	0.0708	0.0000	281.4481	281.4481	0.0168		281.8690
Total	**51.7300**	**1.3030**	**1.8111**	**2.9700e-003**		**0.0708**	**0.0708**		**0.0708**	**0.0708**	**0.0000**	**281.4481**	**281.4481**	**0.0168**		**281.8690**

3.8 Architectural Coating - 2023

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000	0.0000		0.0000
Worker	0.2894	0.1722	1.7584	5.8300e-003	0.5214	4.4600e-003	0.5259	0.1413	4.1100e-003	0.1454		580.8849	580.8849	0.0151		581.2617
Total	**0.2894**	**0.1722**	**1.7584**	**5.8300e-003**	**0.5214**	**4.4600e-003**	**0.5259**	**0.1413**	**4.1100e-003**	**0.1454**		**580.8849**	**580.8849**	**0.0151**		**581.2617**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

Improve Destination Accessibility

Integrate Below Market Rate Housing

Provide Traffic Calming Measures

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	3.1317	11.7247	31.2272	0.1022	9.6732	0.0837	9.7568	2.5849	0.0778	2.6628		10,420.7472	10,420.7472	0.5714		10,435.0315
Unmitigated	3.4187	13.1816	37.4867	0.1304	12.6131	0.1045	12.7176	3.3706	0.0972	3.4678		13,292.4386	13,292.4386	0.6958		13,309.8331

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Apartments Mid Rise	1,662.42	1,597.53	1464.66	4,639,578	3,558,146
Enclosed Parking with Elevator	0.00	0.00	0.00		
High Turnover (Sit Down Restaurant)	832.24	1,036.63	862.98	1,004,595	770,435
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	2,494.66	2,634.16	2,327.64	5,644,173	4,328,581

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
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
High Turnover (Sit Down	9.50	7.30	7.30	8.50	72.50	19.00	37	20	43
Other Asphalt Surfaces	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
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	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Enclosed Parking with Elevator	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
High Turnover (Sit Down Restaurant)	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Other Asphalt Surfaces	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998
Parking Lot	0.606234	0.039465	0.179154	0.102641	0.014368	0.005395	0.016820	0.024508	0.001929	0.001857	0.005869	0.000761	0.000998

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

Install High Efficiency Lighting

Install Energy Efficient Appliances

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0977	0.8512	0.4748	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,065.8774	1,065.8774	0.0204	0.0195	1,072.2114
NaturalGas Unmitigated	0.0977	0.8512	0.4748	5.3300e-003		0.0675	0.0675		0.0675	0.0675		1,065.8774	1,065.8774	0.0204	0.0195	1,072.2114

5.2 Energy by Land Use - NaturalGas

Unmitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	6288.99	0.0678	0.5796	0.2466	3.7000e-003		0.0469	0.0469		0.0469	0.0469		739.8810	739.8810	0.0142	0.0136	744.2777
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	2770.97	0.0299	0.2717	0.2282	1.6300e-003		0.0207	0.0207		0.0207	0.0207		325.9965	325.9965	6.2500e-003	5.9800e-003	327.9337
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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		**0.0977**	**0.8512**	**0.4748**	**5.3300e-003**		**0.0675**	**0.0675**		**0.0675**	**0.0675**		**1,065.8774**	**1,065.8774**	**0.0204**	**0.0195**	**1,072.2114**

5.2 Energy by Land Use - NaturalGas

Mitigated

	NaturalGas Use	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Land Use	kBTU/yr	lb/day										lb/day					
Apartments Mid Rise	6.28899	0.0678	0.5796	0.2466	3.7000e-003		0.0469	0.0469		0.0469	0.0469		739.8810	739.8810	0.0142	0.0136	744.2777
Enclosed Parking with Elevator	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
High Turnover (Sit Down Restaurant)	2.77097	0.0299	0.2717	0.2282	1.6300e-003		0.0207	0.0207		0.0207	0.0207		325.9965	325.9965	6.2500e-003	5.9800e-003	327.9337
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000		0.0000	0.0000		0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000
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		**0.0977**	**0.8512**	**0.4748**	**5.3300e-003**		**0.0675**	**0.0675**		**0.0675**	**0.0675**		**1,065.8774**	**1,065.8774**	**0.0204**	**0.0195**	**1,072.2114**

6.0 Area Detail

6.1 Mitigation Measures Area

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	9.3671	0.3441	25.5813	1.6700e-003		0.1455	0.1455		0.1455	0.1455	0.0000	109.5995	109.5995	0.0457	1.1600e-003	111.0891
Unmitigated	9.3671	0.3441	25.5813	1.6700e-003		0.1455	0.1455		0.1455	0.1455	0.0000	109.5995	109.5995	0.0457	1.1600e-003	111.0891

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	1.6944					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8935					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.8200e-003	0.0498	0.0212	3.2000e-004		4.0200e-003	4.0200e-003		4.0200e-003	4.0200e-003	0.0000	63.5294	63.5294	1.2200e-003	1.1600e-003	63.9069
Landscaping	0.7734	0.2943	25.5602	1.3500e-003		0.1415	0.1415		0.1415	0.1415		46.0701	46.0701	0.0445		47.1821
Total	**9.3671**	**0.3441**	**25.5813**	**1.6700e-003**		**0.1455**	**0.1455**		**0.1455**	**0.1455**	**0.0000**	**109.5995**	**109.5995**	**0.0457**	**1.1600e-003**	**111.0891**

6.2 Area by SubCategory

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	1.6944					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	6.8935					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	5.8200e-003	0.0498	0.0212	3.2000e-004		4.0200e-003	4.0200e-003		4.0200e-003	4.0200e-003	0.0000	63.5294	63.5294	1.2200e-003	1.1600e-003	63.9069
Landscaping	0.7734	0.2943	25.5602	1.3500e-003		0.1415	0.1415		0.1415	0.1415		46.0701	46.0701	0.0445		47.1821
Total	**9.3671**	**0.3441**	**25.5813**	**1.6700e-003**		**0.1455**	**0.1455**		**0.1455**	**0.1455**	**0.0000**	**109.5995**	**109.5995**	**0.0457**	**1.1600e-003**	**111.0891**

7.0 Water Detail

7.1 Mitigation Measures Water

Install Low Flow Bathroom Faucet

Install Low Flow Kitchen Faucet

Install Low Flow Toilet

Install Low Flow Shower

Use Water Efficient Irrigation System

8.0 Waste Detail

8.1 Mitigation Measures Waste

Institute Recycling and Composting Services

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

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

Boilers

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

User Defined Equipment

Equipment Type	Number

11.0 Vegetation

APPENDIX B

CO Hotspots Analysis

NRRandCollegeBLvd-AM.dat

```
CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
         JUNE 1989 VERSION
         PAGE   1

     JOB: Harbor Dr & I-5 Southbound
     RUN: Hour 1           (WORST CASE ANGLE)
POLLUTANT:
```

I. SITE VARIABLES

```
      U=   1.0 M/S            Z0= 100. CM           ALT= 16.5 (M)
    BRG= WORST CASE           VD=  0.0 CM/S
   CLAS=     7 (G)            VS=  0.0 CM/S
   MIXH= 1000. M             AMB=  0.0 PPM
  SIGTH=   10. DEGREES       TEMP= 12.1 DEGREE (C)
```

II. LINK VARIABLES

LINK DESCRIPTION	*	LINK COORDINATES (FT) X1	Y1	X2	Y2	* TYPE	VPH	EF (G/MI)	H (FT)	W (FT)
A. Harbor EBLA	*	500	0	-12	0	* AG	273	2.6	0.0	33.0
B. Harbor EBTA	*	500	12	0	12	* AG	118	2.6	0.0	33.0
C. Harbor EBRA	*	500	24	12	24	* AG	218	2.6	0.0	33.0
D. Harbor EBD	*	0	12	-500	12	* AG	462	2.6	0.0	33.0
E. Harbor WBLA	*	-500	0	12	0	* AG	560	2.6	0.0	33.0
F. Harbor WBTA	*	-500	-12	0	-12	* AG	338	2.6	0.0	33.0
G. Harbor WBRA	*	-500	-24	-12	-24	* AG	1754	2.6	0.0	33.0
H. Harbor WBD	*	0	-12	500	-12	* AG	657	2.6	0.0	33.0
I. I5 NBLA	*	0	-500	0	12	* AG	241	2.6	0.0	33.0
J. I5 NBTA	*	12	-500	12	0	* AG	41	2.6	0.0	33.0
K. I5 NBRA	*	24	-500	24	-12	* AG	218	2.6	0.0	33.0
L. I5 NBD	*	12	0	12	500	* AG	2068	2.6	0.0	33.0
M. I5 SBLA	*	0	500	0	-12	* AG	126	2.6	0.0	33.0
N. I5 SBTA	*	-12	500	-12	0	* AG	95	2.6	0.0	33.0
O. I5 SBRA	*	-24	500	-24	12	* AG	78	2.6	0.0	33.0
P. I5 SBD	*	-12	0	-12	-500	* AG	873	2.6	0.0	33.0

III. RECEPTOR LOCATIONS

RECEPTOR	*	COORDINATES (FT) X	Y	Z
1. SR1	*	-60	60	5.9

2. SR2	*	60	60	5.9
3. SR3	*	-60	-60	5.9
4. SR4	*	60	-60	5.9

CALINE4: CALIFORNIA LINE SOURCE DISPERSION MODEL
JUNE 1989 VERSION
PAGE 2

JOB: Harbor Dr & I-5 Southbound
RUN: Hour 1 (WORST CASE ANGLE)
POLLUTANT:

IV. MODEL RESULTS (WORST CASE WIND ANGLE)

RECEPTOR	BRG (DEG)	PRED CONC (PPM)	CONC/LINK (PPM) A	B	C	D	E	F	G	H
1. SR1	165.	0.3	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
2. SR2	251.	0.4	0.0	0.0	0.0	0.1	0.1	0.0	0.1	0.0
3. SR3	38.	0.4	0.0	0.0	0.0	0.0	0.0	0.0	0.1	0.0
4. SR4	283.	0.4	0.0	0.0	0.0	0.0	0.1	0.0	0.2	0.0

RECEPTOR	CONC/LINK (PPM) I	J	K	L	M	N	O	P
1. SR1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.1
2. SR2	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
3. SR3	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.0
4. SR4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

APPENDIX C

Health Risk Assessment

Health Risk Assessment Report for the Alta Oceanside Project City of Oceanside, California

Prepared for:

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FIGURE

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TABLES

APPENDICES

ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
µg/m^3	micrograms per cubic meter
AB	Assembly Bill
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age-sensitivity factors
BNSF	Burlington Northern Santa Fe
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CCR	California Code of Regulations
CEQA	California Environmental Quality Act
DBR	daily breathing rate
DPM	diesel particulate matter
EIR	Environmental Impact Report
EPA	Environmental Protection Agency
FAH	fraction of time at home
FRA	Federal Railroad Administration
g/s	grams per second
HARP2	Hotspots Analysis and Reporting Program Version 2
HHDT	Heavy-Heavy Duty Truck
HRA	health risk assessment
HVAC	heating, ventilation, and air conditioning
I	Interstate
MDV	Medium-Heavy Duty Trucks
MERV	Minimum Efficiency Reporting Value
MM	mitigation measure
mph	miles per hour
NED	National Elevation Dataset
NHAPS	National Human Activity Pattern Survey
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	particulate matter with a diameter less the 10 microns
REL	reference exposure level
SDAPCD	San Diego Air Pollution Control District
SR	State Route
TAC	toxic air contaminant
X/Q	ground-level unity emission concentration

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SUMMARY

The purpose of this health risk assessment (HRA) is to determine the potential cancer risk and non-cancer health impacts to existing sensitive residential receptors in proximity to the proposed Alta Oceanside Project (project) due to toxic air contaminant (TAC) emissions from construction of the project, and potential exposure to future residents of the project from TAC emissions related to vehicles traveling on Interstate (I-) 5 and State Route (SR-) 76.

Air dispersion modeling was conducted using the American Meteorological Society/ Environmental Protection Agency Regulatory Model (AERMOD) Version 18081 and the Hotspots Analysis and Reporting Program Version 2 (HARP2). The San Diego Air Pollution Control District's (SDAPCD's) *Supplemental Guidelines for Submission of Air Toxics "Hot Spots" Program Health Risk Assessments* (SDAPCD 2019) and the Office of Environmental Health Hazard Assessment's (OEHHA's) *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments* (2015 Risk Assessment Guidelines Manual; OEHHA 2015) were used to prepare this HRA. In addition, the California Air Resources Board's (CARB's) *Air Quality and Land Use Handbook: A Community Health Perspective* was utilized with respect to the evaluation of the nearby I-5 and SR-76.

This HRA finds that unmitigated project construction would result in potential chronic health risk at the maximally exposed residential receptor of 0.047, which is below the SDAPCD significance threshold of 1.0. Therefore, construction related chronic health risk impacts would be less than significant. The unmitigated potential cancer risk at the maximally exposed residential receptor during construction would be 82 in 1 million, which would exceed the SDAPCD significance threshold of 10 in 1 million. With implementation of mitigation measure MM-AQ-1, the potential cancer risk estimates at the maximally exposed residential receptor would be reduced to 8 in 1 million, which is below the SDAPCD significance threshold.

CARB encourages consideration of the health impacts associated with TAC emissions from freeways and high-traffic roadways on sensitive receptors sited within 500 feet (CARB 2005). The project is located approximately 750 feet from I-5 and 430 feet from SR-76 (measuring from the edge of the freeway to the center of the project site). At its closest, the northeast corner of the site is 415 feet from I-5. With respect to exposure to the I-5 and SR-76, the HRA finds that unmitigated exposure to TAC emissions related to vehicles traveling on I-5 and SR-76 would result in a potential cancer risk at the maximally exposed residential receptor of 12.02 in 1 million, exceeding the 10 in 1 million SDAPCD threshold. With implementation of mitigation measure MM-AQ-2a and MM-AQ-2b, the potential cancer risk impacts from exposure to vehicles traveling on I-5 and SR-76 would be reduced to 2.61 in 1 million, which would be less than the SDAPCD threshold of 10 in 1 million. The potential chronic health risk associated with I-5 and SR-76 of 0.003 would not exceed the SDAPCD significance threshold of 1.0. Although no mitigation is required, with implementation of

mitigation measure MM-AQ-2a and MM-AQ-2b (which are required to address potential cancer risks) the potential chronic health risk would be reduced even further below the SDAPCD significance threshold of 1.0 to 0.0003.

CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* recommends avoiding siting new sensitive land uses within 1,000 feet of a major service and maintenance rail yard. CARB also recommends possible siting limitations and mitigation approaches for proposals to site new sensitive uses within 1 mile of rail yards. The relevant guidance regarding the evaluation of health risks associated with locomotives has been focused on rail yard operations as opposed to train tracks. The closest major service and maintenance rail yard to the project is on Camp Pendleton, approximately 3 miles away. Although the train tracks are located 600 feet west of the western edge of the project site, those train tracks do not constitute a rail yard as that term is used by CARB. The CARB guidance does not identify the need for a siting distance buffer between sensitive receptors and train tracks. Unlike railyard operations, sensitive receptors are only exposed to pollutants from moving locomotives for a very short duration. As the project's proposed residences are located well beyond the applicable sensitive land use siting distances identified by CARB for rail yards, and for the other reasons disclosed in this report, the project would not result in significant adverse impacts associated with locomotives.

1 INTRODUCTION

1.1 Purpose

In support of the air quality assessment, the health risk assessment (HRA) modeling analysis was prepared to estimate health risk impacts to existing sensitive receptors from exposure to toxic air contaminant (TAC) emissions from construction of the project. This HRA also predicted the potential exposure to future residents of the project from TAC emissions related to vehicles traveling on Interstate (I-) 5 and State Route (SR-) 76, and discusses potential TAC emissions relative to locomotives. The analysis in this HRA uses air dispersion modeling and Hotspots Analysis and Reporting Program Version 2 (HARP2) to evaluate potential health risks associated with the project. Unless otherwise noted, results of the modeling analysis are compared with the most recent California Environmental Quality Act (CEQA) significance thresholds established by the San Diego Air Pollution Control District (SDAPCD). Per CEQA Guidelines, Appendix G (14 CCR 15000 et seq.), the HRA directly addresses question (c): Would the project expose sensitive receptors to substantial pollutant concentrations?

1.2 Project Description

The project would involve the development of a mixed-use residential and commercial development and associated parking, with demolition of the existing commercial uses on the site. The residential component would include 309 units comprised of one-, two-, and three-bedroom residences. The commercial component would include approximately 5,422 square feet of restaurant, retail, and/or visitor uses on the ground floor along North Coast Highway. This analysis conservatively used 5,800 square-feet of high-turnover restaurant space.

1.3 Sensitive Receptors

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 include children, the elderly, athletes, and people with cardiovascular and chronic respiratory diseases. Facilities and structures where these air pollution-sensitive people live or spend considerable amounts of time are known as sensitive receptors. Land uses where air-pollution-sensitive individuals are most likely to spend time include schools and schoolyards, parks and playgrounds, daycare centers, nursing homes, hospitals, and residential communities (sensitive sites or sensitive land uses) (California Air Resources Board (CARB) 2005). The SDAPCD identifies sensitive receptors as those who are especially susceptible to adverse health effects from exposure to TACs, such as children, the elderly, and the ill. Sensitive receptors include schools (grades Kindergarten through 12), day care centers, nursing homes, retirement homes, health clinics, and hospitals within two kilometers of the facility (SDAPCD 2019). The closest off-site sensitive

receptors to the project site include residences located approximately 15 feet west and south of the project site boundary. Furthermore, the project is siting new sensitive residential receptors which are evaluated in this HRA.

1.4 Toxic Air Contaminants

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

California's air toxics control program began in 1983 with the passage of the Toxic Air Contaminant Identification and Control Act, Assembly Bill (AB) 1807, better known as the Tanner Bill. The Tanner Bill established a regulatory process for the scientific and public review of individual toxic compounds. When a compound becomes listed as a TAC under the Tanner process, CARB normally establishes minimum statewide emission-control measures to be adopted by air quality management districts and air pollution control districts. By 1992, 18 of the 189 federal hazardous air pollutants had been listed by the CARB as state TACs. In April 1993, CARB added 171 substances to the state program to make the state TAC list equivalent to the federal list of hazardous air pollutants. In 1998, CARB designated diesel engine exhaust particulate matter (DPM) as a TAC (CARB 1998). The exhaust from diesel engines is a complex mixture of gases, vapors, and particles, many of which are known human carcinogens. DPM has established cancer risk factors and relative exposure values for long term chronic health hazard impacts. No short term, acute relative exposure values are established and regulated for the type of construction activities contemplated by the project. Therefore, consistent with applicable HRA standards and regulatory guidance, short term, acute relative exposure values are not addressed in this construction-generated assessment (OEHHA 2019).

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

Additionally, Proposition 65, passed by California voters in 1986, required that a list of carcinogenic and reproductive toxicants found in the environment be compiled, the discharge of these toxicants into drinking water be prohibited, and warnings of public exposure by air, land, or water be posted if a significant adverse public health risk is posed. The emission of any of listed substances by a facility would require a public warning unless health risks could be demonstrated to be less than significant. For carcinogens, Proposition 65 defines the "no significant risk level" as the level of exposure that would result in an increased cancer risk of greater than 10 in 1 million over a 70-year lifetime. The "no significant risk level" is 1/1000 of the No Observable Effect Level for reproductive toxicants.

In 2000, CARB approved a comprehensive Diesel Risk Reduction Plan to reduce diesel emissions from both new and existing diesel-fueled vehicles and engines. The regulation is anticipated to result in an 80% decrease in statewide diesel health risk in 2020 compared with the diesel risk in 2000. Additional regulations apply to new trucks and diesel fuel, including the On-Road Heavy Duty Diesel Vehicle (In-Use) Regulation, On-Road Heavy Duty (New) Vehicle Program, In-Use Off-Road Diesel Vehicle Regulation, and New Off-Road Compression-Ignition (Diesel) Engines and Equipment program. These regulations and programs have timetables by which manufacturers must comply and existing operators must upgrade their diesel powered equipment. Several Airborne Toxic Control Measures reduce diesel emissions, including In-Use Off-Road Diesel-Fueled Fleets (13 CCR 2449 et seq.) and In-Use On-Road Diesel-Fueled Vehicles (13 CCR 2025).

1.5 Cancer Risk

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

1.6 Chronic Non-Cancer Health Impacts

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

2 GUIDANCE AND THRESHOLDS

2.1 Office of Environmental Health Hazard Assessment's Guidance

OEHHA's most recent guidance is the 2015 Risk Assessment Guidelines Manual (OEHHA 2015), which was adopted in 2015 to replace the 2003 HRA Guidance Manual. The Children's Environmental Health Protection Act of 1999 (Senate Bill 25), which requires explicit consideration of infants and children in assessing risks from air toxics, requires revisions of the methods for both non-cancer and cancer risk assessment and of the exposure assumptions in the 2003 HRA Guidance Manual. In response to Senate Bill 25, OEHHA released three technical support documents addressing RELs (OEHHA 2008), cancer potency (OEHHA 2009), and exposure assessment and stochastic analysis (OEHHA 2012) and adopted the 2015 Risk Assessment Guidelines Manual (OEHHA 2015). The technical support document for RELs and continuing work to re-evaluate TACs to ensure adequate protection for infants and children has led to revisions of RELs for approximately 10 chemicals and chemical families. The basic methodology for evaluating acute and chronic health effects using the RELs otherwise remained the same as in the previous guidance manual. Moreover, RELs are designed to protect the most sensitive individuals in the population, including infants and children, by selecting appropriate toxicological data and including margins of safety. Accordingly, the evaluation methods are designed to protect children and other sensitive subpopulations (groups of more highly susceptible individuals) from adverse health effects in the event of exposure (OEHHA 2008).

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

In addition, OEHHA and CARB evaluated information from activity patterns databases to estimate the fraction of time at home (FAH) during the day. From the third trimester to age <2 years, 85% of time is spent at home. From age 2 through <16 years, 72% of time is spent at home. From age 16 years and greater, 73% of time is spent at home. However, for facilities with any school within

the 1 in a million or greater isopleth, the OEHHA recommends using an FAH of 100% for children under 16 years old (OEHHA 2015). Cancer risk parameters, such as ASFs, DBRs, exposure period, FAH, and cancer potency factors were based on the values and data recommended by OEHHA as implemented in HARP2.

2.2 San Diego Air Pollution Control District Guidance

The SDAPCD's *Supplemental Guidelines for Submission of Air Toxics "Hot Spots" Program Health Risk Assessments* (SDAPCD 2019) provides guidance to perform HRAs within the San Diego Air Basin. Although the SDAPCD Guidance is specifically targeted towards health risk from air toxic emissions from stationary source operations, the thresholds were adapted here for informational purposes. The SDAPCD's current thresholds of significance for TAC emissions from the operations of permitted and non-permitted sources are presented in Table 1.

Table 1
SDAPCD TAC Emissions Thresholds

Carcinogens	Noncarcinogens
	Chronic and Acute
Maximally exposed individual risk equals or exceeds 10 in 1 million	Hazard Index equals or exceeds 1 for the maximally exposed individual

Source: SDAPCD 2019.
Notes: SDAPCD = San Diego Air Pollution Control District; TAC = toxic air contaminant

3 MODELING METHODOLOGY

3.1 Emission Calculation

Construction Emissions Calculations

Emissions from the construction phase of the project were estimated using the California Emissions Estimator Model (CalEEMod) Version 2016.3.2. Construction scenario assumptions, including phasing, equipment mix, and vehicle trips, were based on information provided by the applicant and CalEEMod default values. All inputs pertaining to construction emissions, including phasing, equipment, and vehicle trips, are based on Section 5.3 (Air Quality) of the Environmental Impact Report (EIR). Complete detailed construction assumptions are included in Appendix H and are summarized below.

For the purposes of modeling, construction of the project would commence in February 2021 and would last approximately 26 months, ending in April 2023. The analysis contained herein is based on the following construction time frames (duration of phases is approximate):

- Demolition: 8 weeks (February 2021 – March 2021)
- Site Preparation: 2 weeks (March 2021 – April 2021)
- Grading: 4 weeks (April 2021 – May 2021)
- Building Construction: 100 weeks (May 2021 – April 2023)
- Trenching: 20 weeks (May 2021 – September 2021)
- Paving: 16 weeks (May 2021 – August 2021)
- Architectural Coating: 20 weeks (December 2022 – April 2023)

Demolition activities would involve demolition and removal of two existing buildings totaling approximately 8,300 square feet or 38 one-way truck trips. Construction-worker and vendor trip estimates by construction phase were based on CalEEMod default data. Mass grading would include 5.31 acres and 10,700 cubic yards of soil for export. Assuming a haul truck capacity of 16 cubic yards per truck, earth-moving activities would result in approximately 669 round trips (1,338 one-way truck trips) during the grading phase. During building construction, 12,500 cubic yards of soil would be imported. Assuming a haul truck capacity of 9 cubic yards per truck, as provided by the applicant, soil-importing activities would result in approximately 1,389 round trips (2,778 one-way truck trips). CalEEMod default trip length values were used for the distances for all construction-related trips.

For the HRA, we are concerned with DPM emitted from exhaust from on-site construction equipment and diesel vehicles. Worker vehicles run on gasoline so they do not generate DPM emissions (OEHHA 2018). Notably, to include only on-site emissions from diesel haul and vendor trucks, they were conservatively evaluated to operate for 0.19-miles on site (1,000 feet).

Unmitigated Construction Emissions

Table 2 presents the estimated unmitigated annual construction exhaust PM_{10} emissions, a surrogate for DPM, generated during construction of the project.

Table 2
Unmitigated Project Annual On-Site Construction Emissions – Exhaust Only

Year	Exhaust PM_{10}
	Pounds per year
2021	413.00
2022	257.20
2023	78.40
Annual (Pounds per Year)	**345.51**
Hourly (Pounds per Hour)	**0.14**

Source: See Appendix A for complete results.
Notes: PM_{10} = coarse particulate matter
Annual pounds per year emissions is the average from all years of construction, and the hourly emissions is based on the construction schedule of 8 hours per day, 6 days per week, and 26 months of total construction.

As shown in Section 4, HRA Results, the results of the HRA using the default construction emission factors in CalEEMod result in a potentially significant impact. As such, the following mitigation is included to reduce DPM emissions from construction equipment.

Construction Mitigation Measures

MM-AQ-1: Prior to the issuance of a grading permit, the City shall verify that the grading plan notes identify the following:

A. Prior to the start of construction activities, the project applicant, or its designee, shall ensure that all 75 horsepower or greater diesel-powered equipment are powered with CARB certified Tier 4 Interim engines or better, except where the project applicant establishes to the satisfaction of the City that Tier 4 Interim equipment is not available.

B. All other diesel-powered construction equipment will be classified as Tier 3 or higher, at a minimum, except where the project applicant establishes to the satisfaction of the City that Tier 3 equipment is not available.

In the case where the applicant is unable to secure a piece of equipment that meets the Tier 4 Interim requirement, the applicant may upgrade another piece of equipment to compensate (from Tier 4 Interim to Tier 4 Final) or take such other actions as would reduce the contemplated emissions from 75 horsepower or greater diesel-powered equipment to a level that would have been achieved had Tier 4 Interim engines been used. Engine Tier requirements in accordance with this measure shall be incorporated on all construction plans.

Mitigated Construction Emissions

The project emissions incorporating the tiered equipment as outlined in mitigation measure MM-AQ-1 are shown in Table 3.

Table 3
Mitigated Project Annual On-Site Construction Emissions – Exhaust Only

Year	Exhaust PM_{10}
	Pounds per year
2021	33.20
2022	33.80
2023	10.36
Annual (Pounds per Year)	**35.70**
Hourly (Pounds per Hour)	**0.014**

Source: See Appendix A for complete results.
Notes: PM_{10} = coarse particulate matter
Annual pounds per year emissions is the average from all years of construction, and the hourly emissions is based on the construction schedule of 8 hours per day, 6 days per week, and 26 months of total construction.

Roadway Emissions Calculations

Operational year 2024 was evaluated consistent with the anticipated completion date of project construction. Emissions during the operation of the project include vehicles traveling on I-5 and SR-76. For risk assessment purposes, PM_{10} in diesel exhaust is considered DPM, originating from diesel vehicles traveling on I-5 and SR-76.

Emissions of DPM from motor vehicles on I-5 and SR-76 have the highest potential for cancer risk due to the high volume of heavy-duty vehicle traffic and proximity to the project site. Traffic data was attained from California Department of Transportation Performance Measurement System (PeMS) October 2018 – October 2019 traffic volumes on California state highways. The annual vehicle miles traveled for the northbound and southbound portions of I-5 and eastbound and westbound portions of SR-76 was calculated based on the segment length and traffic count volumes.

Data from the U.S. Environmental Protection Agency-approved version of CARB's mobile source emission inventory, EMFAC2017, was used to determine the composition of diesel vehicles within the overall vehicle fleet for San Diego County: Light-Duty Automobiles (identified as LDA), Light-Duty Trucks (identified as LDT1 and LDT2), Light-Heavy Duty Trucks (identified as LHDT1 and LHDT2), Medium-Heavy Duty Trucks (identified as MDV, MH, MHDT, OBUS, and SBUS), and Heavy-Heavy Duty Trucks (identified as HHDT). EMFAC2017 can generate emission factors (also referred to as emission rates) in grams per mile for the fleet in a class of motor vehicles within a county for a particular geographical study year.

EMFAC2017 was run assuming a speed of 55 miles per hour for each vehicle class, and a vehicle miles traveled-weighted average emission factor was estimated for diesel-fueled vehicles of the following classes: LHDT1/LHDT2, MHDT, HHDT, and Non-Trucks. Vehicle miles traveled was calculated by taking the average daily traffic and multiplying it by the distance of the roadway segment evaluated. I-5 northbound was modeled a total length of 5.29 miles, I-5 southbound was modeled a total length of 5.27 miles, SR-76 westbound was modeled a total length of 4.29 miles, and SR-76 was modeled a total segment length of 1.27 miles. The total exhaust PM_{10} emissions (in pounds per hour and pounds per year) were then calculated for each roadway segment by multiplying the emission factor by the vehicle miles traveled.

For this analysis, San Diego County and calendar year 2024 was selected. The annual vehicle growth rate on I-5 and SR-76 is 0.63% per year (SANDAG 2019), but the EMFAC2017 vehicle DPM emission factors would decrease over time due to regulatory requirements and fleet turnover (ranging from 0.13% to 56.36%); therefore, assuming the first operational year of 2024 for the analysis would present a conservative analysis. Furthermore, the volume of diesel vehicles will also decrease over time as more zero and near-zero emissions vehicles enter the fleet.

Unmitigated Roadway Emissions

The calculated exhaust PM_{10} emissions of vehicles traveling on I-5 and SR-76, depicted in Table 4, were then used in the analysis.

Table 4
Unmitigated Interstate 5 and State Route 76 Roadway Emissions

Diesel Vehicle Class	Fuel Type	2024 Daily Traffic Count	Distance (Meters)[b]	Distance (Miles)	Daily VMT	Exhaust PM_{10}[a]			
						Emission Factor (gram/mile)	*Emissions (gram/day)*	*Emissions (pound/hour)[c]*	*Emissions (pound/year)[c]*
I-5 Northbound									
Non-Trucks	Diesel	1,421	8,520	5.29	7,524	1.31E-02	98.65	9.06E-03	79.38
LHDT1/LHDT2	Diesel	15	8,520	5.29	79	5.27E-03	0.42	3.82E-05	0.33
MHDT	Diesel	71	8,520	5.29	377	4.33E-03	1.63	1.50E-04	1.31

Table 4
Unmitigated Interstate 5 and State Route 76 Roadway Emissions

HHDT	Diesel	651	8,520	5.29	3,450	2.24E-02	77.33	7.10E-03	62.22
I-5 Northbound All Diesel Vehicles							**178.02**	**1.64E-02**	**143.25**
I-5 Southbound									
Non-Trucks	Diesel	702	8,483	5.27	3,699	1.31E-02	48.50	4.45E-03	39.02
LHDT1/LHDT2	Diesel	7	8,483	5.27	39	5.27E-03	0.20	1.88E-05	0.16
MHDT	Diesel	35	8,483	5.27	185	4.33E-03	0.80	7.37E-05	0.65
HHDT	Diesel	322	8,483	5.27	1,696	2.24E-02	38.01	3.49E-03	30.59
I-5 Southbound All Diesel Vehicles							**87.52**	**8.04E-03**	**70.42**
SR-76 Eastbound									
Non-Trucks	Diesel	827	2,046	1.27	1,051	1.31E-02	13.78	1.27E-03	11.09
LHDT1/LHDT2	Diesel	9	2,046	1.27	11	5.27E-03	0.06	5.33E-06	0.05
MHDT	Diesel	41	2,046	1.27	53	4.33E-03	0.23	2.09E-05	0.18
HHDT	Diesel	379	2,046	1.27	482	2.24E-02	10.80	9.92E-04	8.69
SR-76 Eastbound All Diesel Vehicles							**24.86**	**2.28E-03**	**20.01**
SR-76 Westbound									
Non-Trucks	Diesel	827	2,069	1.29	1,063	1.31E-02	13.93	1.28E-03	11.21
LHDT1/LHDT2	Diesel	9	2,069	1.29	11	5.27E-03	0.06	5.39E-06	0.05
MHDT	Diesel	41	2,069	1.29	53	4.33E-03	0.23	2.12E-05	0.19
HHDT	Diesel	379	2,069	1.29	487	2.24E-02	10.92	1.00E-03	8.79
SR-76 Westbound All Diesel Vehicles							**25.14**	**2.31E-03**	**20.23**

Source: See Appendix A for complete results.
Notes: I-5 = Interstate 5; SR-76 = State Route 76; HHDT = Heavy-Heavy Duty Trucks; LHDT = Light-Heavy Duty Trucks; LDT = Light-Duty Trucks; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; VMT = Vehicle-Miles Travelled
[a] Estimated based on the California Department of Transportation Performance Measurement System, EMFAC2017 emission rates, and Countywide diesel vehicle % based on VMT.
[b] Based on the modeled link length used in the dispersion model.
c Hourly emissions based on 24 hours per day and annual emissions based on 8,760 hours per year.

Operational Mitigation Measures

EPA reported that the Minimum Efficiency Reporting Value (MERV) 13 filters remove 90% of particles ranging from 1 to 10 microns (EPA 2018). For this analysis, Dudek used a 90% particulate matter reduction for the air filters.

The National Human Activity Pattern Survey (NHAPS) was conducted in support by EPA to study where people spend their time. The results of the NHAPS showed that on average people spend 87% of their time in enclosed buildings and 6% of their time in enclosed vehicles (Kleipeis et. al. 2001). This assessment of risk with mitigation includes the accounting for time spent indoors as identified in the NHAPS and the time spent away from home as recommended by OEHHA (OEHHA 2015). Accounting for the actual time spent indoors and exposure related to the residents

within the project provides a more realistic exposure scenario from TAC emissions from the I-5 and SR-76.

MM-AQ-2a Prior to the issuance of a construction permit, the City shall verify that the construction plan notes identify the following

The applicant or its successor shall install high-efficiency return air filters on all heating, ventilation, and air conditioning (HVAC) systems serving the project. The air filtration system shall reduce at least 90% of particulate matter emissions, such as can be achieved with a Minimum Efficiency Reporting Value 13 (MERV 13) air filtration system installed on return vents in residential units.

MM-AQ-2b Prior to the issuance of a certificate of occupancy, the City shall verify the installation of the MERV 13 air filtration system on any HVAC system installed for the specified residential units in accordance with the manufacturer's recommendations for the life of the project. On-going maintenance of the installed filtration systems shall be the responsibility of the applicant or its successor.

Mitigated Roadway Emissions

The calculated exhaust PM_{10} emissions of vehicles traveling on I-5 and SR-76 incorporating the MERV 13 filters as outlined in mitigation measure MM-AQ-2a and MM-AQ-2b are shown in Table 5.

Table 5
Mitigated Interstate 5 and State Route 76 Roadway Emissions

Diesel Vehicle Class	Fuel Type	2024 Daily Traffic Count	Distance (Meters)[b]	Distance (Miles)	Daily VMT	Exhaust PM_{10}[a]			
						Emission Factor (gram/mile)	*Emissions (gram/day)*	*Emissions[c] (pound/hour)*	*Emissions[c] (pound/year)*
I-5 Northbound									
Non-Trucks	Diesel	1,421	8,520	5.29	7,524	2.85E-03	21.41	1.97E-03	17.23
LHDT1/LHDT2	Diesel	15	8,520	5.29	79	1.14E-03	0.09	8.29E-06	0.07
MHDT	Diesel	71	8,520	5.29	377	9.40E-04	0.35	3.25E-05	0.29
HHDT	Diesel	651	8,520	5.29	3,450	4.86E-03	16.78	1.54E-03	13.50
I-5 Northbound All Diesel Vehicles							**38.63**	**3.55E-03**	**31.08**
I-5 Southbound									
Non-Trucks	Diesel	702	8,483	5.27	3,699	2.85E-03	10.52	9.67E-04	8.47
LHDT1/LHDT2	Diesel	7	8,483	5.27	39	1.14E-03	0.04	4.07E-06	0.04

Table 5
Mitigated Interstate 5 and State Route 76 Roadway Emissions

MHDT	Diesel	35	8,483	5.27	185	9.40E-04	0.17	1.60E-05	0.14
HHDT	Diesel	322	8,483	5.27	1,696	4.86E-03	8.25	7.58E-04	6.64
I-5 Southbound All Diesel Vehicles							**18.99**	**1.74E-03**	**15.28**
SR-76 Eastbound									
Non-Trucks	Diesel	827	2,046	1.27	1,051	2.85E-03	2.99	2.75E-04	2.41
LHDT1/LHDT2	Diesel	9	2,046	1.27	11	1.14E-03	0.01	1.16E-06	0.01
MHDT	Diesel	41	2,046	1.27	53	9.40E-04	0.05	4.54E-06	0.04
HHDT	Diesel	379	2,046	1.27	482	4.86E-03	2.34	2.15E-04	1.89
SR-76 Eastbound All Diesel Vehicles							**5.40**	**4.96E-04**	**4.34**
SR-76 Westbound									
Non-Trucks	Diesel	827	2,069	1.29	1,063	2.85E-03	3.02	2.78E-04	2.43
LHDT1/LHDT2	Diesel	9	2,069	1.29	11	1.14E-03	0.01	1.17E-06	0.01
MHDT	Diesel	41	2,069	1.29	53	9.40E-04	0.05	4.60E-06	0.04
HHDT	Diesel	379	2,069	1.29	487	4.86E-03	2.37	2.18E-04	1.91
SR-76 Westbound All Diesel Vehicles							**5.46**	**5.01E-04**	**4.39**

Source: See Appendix A for complete results.
Notes: I-5 = Interstate 5; SR-76 = State Route 76; HHDT = Heavy-Heavy Duty Trucks; LHDT = Light-Heavy Duty Trucks; LDT = Light-Duty Trucks; PM_{10} = particulate matter with an aerodynamic diameter less than or equal to 10 microns; VMT = Vehicle-Miles Travelled
[a] Estimated based on the California Department of Transportation Performance Measurement System, EMFAC2017 emission rates, and Countywide diesel vehicle % based on VMT.
[b] Based on the modeled link length used in the dispersion model.
c Hourly emissions based on 24 hours per day and annual emissions based on 8,760 hours per year.

3.2 Dispersion Model

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

A dispersion modeling analysis of DPM emitted from project construction diesel vehicles and off-road equipment was conducted on the areas surrounding the project site for the HRA. Furthermore,

the TAC emissions from the gasoline dispensing facility, on-site and off-site truck travel and idling were conducted on the project site for the HRA. The dispersion modeling was performed using AERMOD Version 18081, which is the model United States Environmental Protection Agency (EPA) approved and SDAPCD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain.

There is a locomotive track running from north to south located west of the project site. The emissions from the nearby locomotive operations were modeled as a single line source consisting of adjacent volume sources along a 1.3-mile long segment of the BNSF track. The length of the line sources representing the tracks is approximately 1,000 feet beyond the end of the project site in each direction.

Principal parameters of AERMOD for the project modeling included the following:

- **Dispersion Model:** The air dispersion model used was AERMOD Version 18081, with the Lakes Environmental Software implementation/user interface, AERMOD View Version 9.6.0. A unit emission rate of 1.0 gram per second (g/s) was applied to each source. Furthermore, a unit emission rate was normalized over the line of adjacent volume sources for the AERMOD run to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and Period averaging periods.
- **Meteorological Data:** The latest 3-year meteorological data for the Camp Pendleton station were provided by SDAPCD (SDAPCD 2019), and then input to AERMOD. For cancer and chronic non-cancer risk assessments, the average cancer and chronic non-cancer risk of all years modeled was used. A wind rose is provided for this station on Figure 1.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. However, according to SDAPCD guidelines, the rural dispersion option was selected due to the Project's proximity to the ocean.
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. Per SDAPCD guidance, the National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used.
- **Sensitive Receptors:** This HRA evaluates the risk to existing residential receptor located in proximity to the project. A uniform 2-kilometer by 2-kilometer Cartesian grid with 50-meter spacing was centered over the project site and converted into discrete receptors to represent proximate sensitive receptors.

- **Source Release Construction Scenario:** Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate in accordance with the modeling scenario estimated in CalEEMod (Appendix A). The construction equipment DPM emissions were modeled as a line of adjacent volume sources across the project site to represent project construction with a release height of 5 meters, plume height of 2.33 meters, and plume width of 11.63 meters.
- **Source Equipment Construction Scenario:** A variable-emissions scenario was used assuming construction activities occurring between the hours of 7 am and 4 pm, Monday through Saturday. The seasons/hour/7day variable emission scenario was selected and a 3.5 variable emission factor was applied to those hours.
- **Source Release Roadway Scenario:** Vehicles traveling on I-5 and SR-76 were modeled as a line of alternating volume sources for each direction of the freeway with a release height of 2.9 meters, plume height of 5.7 meters, and 10 feet was added to the freeway width to account for the wake of moving vehicles, to represent vehicles traveling northbound and southbound and eastbound and westbound, respectively.

Construction Health Risk Assessment

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

For the purposes of this assessment, given the less-than-lifetime exposure period, and the higher breathing rates and sensitivity of children to construction-generated TACs, the cancer risk calculation assumes that the exposure would affect children early in their lives. For the residential health risk, the HRA conservatively evaluates that exposure as starting in the 3rd trimester of pregnancy and occurring for 8 hours per day, 6 days per week, for 26 months. As a result, this methodology presents a conservative analysis of TAC exposure .

Roadway Health Risk Assessment

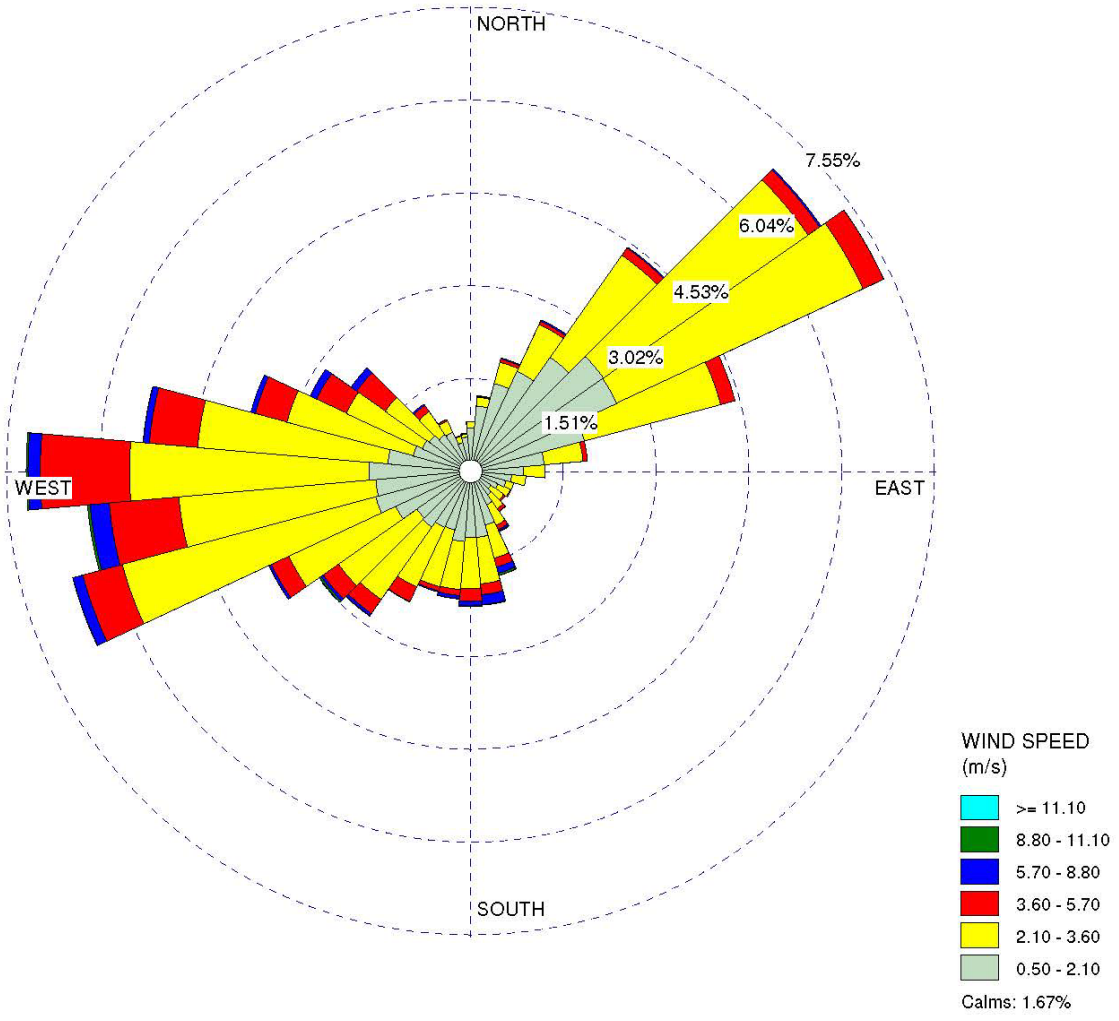
For the roadway health risk, the HRA evaluates potential impacts for a period of 30 years with exposure starting in the 3rd trimester of pregnancy for all receptor locations. The SDAPCD has also established noncarcinogenic risk parameters for use in HRAs since some TACs increase non-

cancer health risk due to long-term (chronic) exposures and some TACs increase non-cancer health risk due to short-term (acute) exposures. Noncarcinogenic risks are quantified by calculating a hazard index, expressed as the ratio between the ambient pollutant concentration and its toxicity or REL, which is a concentration at or below which health effects are not likely to occur. The chronic hazard index is the sum of the individual substance chronic hazard indices for all TACs affecting the same target organ system, similarly calculated for acute hazard index.

Locomotive Health Risk Assessment

CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* recommends avoiding siting new sensitive land uses within 1,000 feet of a major service and maintenance rail yard. The train tracks located 600 feet west of the western edge of the project site do not qualify as a major service and maintenance rail yard as defined by CARB. Furthermore, the nearest major service and maintenance rail yard is located 3 miles from the project site. Unlike with railyard operations, sensitive receptors are only exposed to pollutants from moving locomotives for a very short duration. As the project's proposed residences are located well beyond the applicable sensitive land use siting distances identified by CARB for a rail yard, the project would not result in significant adverse impacts associated with locomotives. While health risk impacts from the nearby train tracks are not required to be included in the HRA, this analysis has been completed for disclosure purposes only in Section 5 of this HRA.

Figure 1. Wind Rose of Meteorological Data – Camp Pendleton
Wind Direction Blowing From



Source: SDAPCD 2019.

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4 HEALTH RISK RESULTS

Construction Health Risk Results

The cancer risk calculations were performed by multiplying the AERMOD-predicted DPM concentrations in $\mu g/m^3$ per unit g/s due to DPM emissions from trucks and construction equipment by the appropriate risk values. The potential exposure pathway for DPM includes inhalation. It would be speculative to evaluate other potential exposure pathways (e.g., ingestion) as such an effort requires substance and site-specific data for every property or individual, and the specific parameters for DPM, none of which are known or subject to being reasonably known (CARB 1998).

Table 6 shows the maximum cancer and chronic health risks at the maximally exposed residential receptor from project construction. AERMOD and HARP2 outputs are in Appendix B.

Table 6
Summary of Maximum Construction Cancer and Chronic Health Risks - Unmitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximally Exposed Individual Resident					
Construction HRA	Cancer Risk	Per Million	81.79	10	**Potentially Significant**
	Chronic Hazard Index	Index Value	0.047	1.0	Less than Significant

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment

As shown in Table 6, the HRA results from the unmitigated scenario show cancer risks exceeding the 10 in 1 million threshold and thus a potentially significant impact at the maximally exposed individual residential receptors. These potentially significant health risk impacts triggered the requirement of MM-AQ-1 in order to reduce project construction-generated DPM emissions to the extent feasible. The HRA results after incorporation of MM-AQ-1 are presented in Table 7.

Table 7
Summary of Maximum Construction Cancer and Chronic Health Risks - Mitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Maximally Exposed Individual Resident					
Construction HRA	Cancer Risk	Per Million	8.45	10	Less than Significant
	Chronic Hazard Index	Index Value	0.005	1.0	Less than Significant

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment

Roadway Health Risk Results

This HRA predicted the potential exposure to future residents of the project from TAC emissions related to vehicles traveling on I-5 and SR-76. CARB encourages consideration of the health impacts associated with TAC emissions from freeways and high-traffic roadways on sensitive receptors sited within 500 feet (CARB 2005). The project is located approximately 750 feet from I-5 and 430 feet from SR-76 (measuring from the edge of the freeway to the center of the project site). At its closest, the northeast corner of the site is 415 feet from I-5. This analysis discloses the impacts of the existing environment on the project. The HRA predicts the potential exposure to future residents of the project from TAC emissions related to vehicles traveling on I-5 and SR-76. The cancer risk calculations were performed by multiplying the AERMOD-predicted TAC concentrations in $\mu g/m^3$ per unit g/s due to TAC emissions from vehicles traveling on I-5 and SR-76 by the appropriate risk values. The mandatory potential exposure through pathways (e.g., inhalation) are selected for the operation-generated TAC emissions. Table 8 summarizes the HRA results from I-5 and SR-76. The HRA is based on the HRA methodology described above and contained in Appendix B.

Table 8
Summary of Maximum Roadway Cancer and Chronic Health Risks - Unmitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Roadway HRA	Maximum Roadway Cancer Risk (I-5 & SR-76)	Per Million	12.02	10	**Potentially Significant**
Roadway HRA	Chronic Hazard Index	Index Value	0.003	1.0	Less than Significant

Source: See Appendix B for complete results.

Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment

As shown in Table 8, the HRA finds that exposure from I-5 and SR-76 would result in a potential cancer risk at the maximally exposed residential receptor of 12.02 in a million, exceeding the 10 in 1 million threshold and thus a potentially significant impact at the maximally exposed individual residential receptors. In order to reduce exposure to future residential receptors from exposure to I-5 and SR-76, the project would implement MM-AQ-2a and MM-AQ-2b.

The HRA results after incorporation of MM-AQ-2a and MM-AQ-2b are presented in Table 9.

Table 9
Summary of Maximum Roadway Cancer and Chronic Health Risks - Mitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold	Level of Significance
Roadway HRA	Maximum Roadway Cancer Risk (I-5 & SR-76)	Per Million	2.61	10	Less than Significant
Roadway HRA	Chronic Hazard Index	Index Value	0.0003	1.0	Less than Significant

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment; N/A = not applicable

As shown in Table 9, with implementation of MM-AQ-2a and MM-AQ-2b, the HRA finds that exposure from I-5 and SR-76 would result in a potential cancer risk at the maximally exposed residential receptor of 2.61 in a million, which would not exceed the 10 in 1 million threshold and thus be less than significant with mitigation. As shown in Table 8, the unmitigated potential chronic health risk of 0.003 would not exceed the SDAPCD significance threshold of 1.0. Although not required for the potential chronic health risk impacts, with implementation of MM-AQ-2a and MM-AQ-2b (which are required for potential cancer risk impacts), the potential chronic health risk would be reduced even further below the SDAPCD significance threshold of 1.0 to 0.0003.

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5 ROADWAY AND LOCOMOTIVE ANALYSIS (FOR DISCLOSURE PURPOSES ONLY)

CARB's *Air Quality and Land Use Handbook: A Community Health Perspective* recommends avoiding siting new sensitive land uses within 1,000 feet of a major service and maintenance rail yard. CARB also recommends possible siting limitations and mitigation approaches for proposals to site new sensitive uses within 1 mile of rail yards. The relevant guidance regarding the evaluation of health risks associated with locomotives has been focused on rail yard operations as opposed to train tracks. The closest major service and maintenance rail yard to the project is on Camp Pendleton, approximately 3 miles away. Although the train tracks are located 600 feet west of the western edge of the project site, those train tracks do not constitute a rail yard as that term is used by CARB. The CARB guidance does not identify the need for a siting distance buffer between sensitive receptors and train tracks. Unlike railyard operations, sensitive receptors are only exposed to pollutants from moving locomotives for a very short duration. As the project's proposed residences are located well beyond the applicable sensitive land use siting distances identified by CARB for a rail yard, the project would not result in significant adverse impacts associated with locomotives. While health risk impacts from the nearby train tracks are not required to be included in the HRA under the applicable standards, this analysis has been completed for disclosure purposes only. As described below, even if one assumed the analysis was required, with the mitigation already required to address the potentially significant roadway cancer risks, the mitigated, combined risk of roadway and locomotives would be less than significant under SDAPCD thresholds. Using that same assumption, with or without the mitigation already required for roadways, the potential chronic health risk would be less than significant under SDAPCD thresholds.

Locomotive Emissions Calculations

Emissions for locomotives associated with Burlington Northern Santa Fe (BNSF) freight and passenger locomotives operating on the train located approximately 600 feet from the western edge of the project site would also emit DPM from the diesel engines used in the locomotives. The BNSF DPM emission factor used was 0.21 grams per brake-horsepower-hour, consistent with the most recent Port of San Diego Maritime Air Emissions Inventory (Port of San Diego 2018). The U.S. Environmental Protection Agency's (EPA's) Emission Factors for Locomotives (EPA 2009) was used as the source of PM_{10} emissions for passenger locomotives. The average passenger locomotive in 2024 would emit 1.5 grams per gallon of diesel fuel consumed. Passenger locomotives produce 20.8 brake-horsepower-hours per gallon of diesel fuel consumed. Thus, the PM_{10} emissions per gallon can be converted to 0.19 grams per brake-horsepower-hour. The emission factors were multiplied by the fully rated engine rating of 3,500 brake-horsepower (Port of San Diego 2018).

Based on information from the City, the model analyzed 44 commuter trains per day and four freight trains at night (Ldn 2016). A Federal Railroad Administration (FRA) Office of Safety Analysis website provides information on the maximum and minimum train speeds at each crossing. For the purposes of this HRA, the average locomotive speed by the project site was estimated to be 30 miles per hour (mph) (FRA 2019).

The 2011 Port of Los Angeles emissions inventory (Starcrest 2012) provided load factors (percent of full load) corresponding to the Notch 2 and 3 setting, which would have a composite load factor of 28.9%. This factor was multiplied by the full load PM_{10} emission rates to estimate the grams per hour from each locomotive, and the resultant value was multiplied by the number of locomotives that would traverse the tracks in an average hour.

Each locomotive would travel much less than 1 hour along the tracks adjacent to the project site. For the purpose of this analysis, the modeled distance of the BNSF track was 2,097.6 meters (1.3 miles). At a speed of 30 miles per hour, a train would traverse this distance in 0.043 hour or about 2.6 minutes. Thus, the emission rates were adjusted by 0.043 to estimate the emissions on this segment during each hour.

Unmitigated Locomotive Emissions

The unmitigated locomotive emissions are presented in Table 10.

Table 10
Unmitigated Locomotive Emissions

Train Type	Exhaust PM_{10}	
	Pounds per year	*Pounds per hour*
Passenger Trains	291.74	0.047
Freight Trains	29.70	0.020
Total	**321.45**	**0.067**

Source: See Attachment A for complete results.

Mitigated Locomotive Emissions

The mitigated locomotive emissions are presented in Table 11.

Table 11
Mitigated Locomotive Emissions

Train Type	Exhaust PM_{10}	
	Pounds per year	*Pounds per hour*
Passenger Trains	63.31	0.010
Freight Trains	6.45	0.004
Total	**69.75**	**0.015**

Source: See Attachment A for complete results.

Combined Roadway and Locomotive Health Risk Results

Although not required under the applicable standards, this HRA predicted the potential exposure to future residents of the project from TAC emissions related to locomotives, and to provide a conservative evaluation they were combined with those from roadways in order to evaluate the cumulative effects from both sources. Table 12 and 13 summarizes the HRA results including locomotives.

Table 12
Summary of Maximum Roadway and Locomotive Cancer and Chronic Health Risks - Unmitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold
Roadway/Locomotive HRA	Maximum Total Cancer Risk	Per Million	41.10	10
Roadway/Locomotive HRA	Chronic Hazard Index	Index Value	0.010	1.0

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment; N/A = not applicable

Table 13
Summary of Maximum Roadway and Locomotive Cancer and Chronic Health Risks - Mitigated

Impact Analysis	Impact Parameter	Units	Project Impact	CEQA Threshold
Roadway/Locomotive HRA	Maximum Total Cancer Risk	Per Million	8.92	10
Roadway/Locomotive HRA	Chronic Hazard Index	Index Value	0.002	1.0

Source: See Appendix B for complete results.
Notes: CEQA = California Environmental Quality Act; HRA = Health Risk Assessment; N/A = not applicable

As shown in Tables 12 and 13, the HRA finds that implementation of the mitigation measures already required to mitigate potential impacts due to roadway emissions (MM-AQ-2a and MM-AQ-2b) would also provide mitigation of the combined exposure from I-5, SR-76, and locomotives. This would result in a potential cancer risk at the maximally exposed residential receptor of 8.92 in a million, which would not exceed the 10 in 1 million threshold and thus be less than significant with mitigation. As shown in Table 12, the unmitigated combined roadway and locomotive projected potential chronic health risk of 0.010 would not exceed the SDAPCD significance threshold of 1.0. Although not required for the potential chronic health risk impacts, with implementation of MM-AQ-2a and MM-AQ-2b (required for potential cancer risk impacts), the potential chronic health risk would be reduced even further below the SDAPCD significance threshold of 1.0 to 0.002.

6 CONCLUSIONS

The results determined in this analysis reflect reasonable estimates of source emissions and exhaust characteristics, available meteorological data near the project site, and the use of currently approved air quality models. Given the limits of available tools for such an analysis, the actual impacts may vary from the estimates in this assessment. However, the combined use of the AERMOD dispersion model and the health impact calculations required by OEHHA and SDAPCD tend to overpredict impacts, such that they produce conservative (i.e., health-protective) results. For this reason, and because of the conservative assumptions used in the project-specific modeling, the estimated cancer risks and non-cancer hazard indices reported in this analysis are likely upper-bound or beyond estimates for potential exposure to project-related emissions.

Based on this analysis, project construction would result in potential chronic health risk at the maximally exposed residential receptor below the SDAPCD threshold without mitigation. However, potential cancer health risk impacts from project construction at the proximate existing residential receptor would exceed the SDAPCD threshold. With implementation of MM-AQ-1, potential cancer risk at the maximally exposed residential receptor would be reduced to a less-than-significant level.

Potential health risk at future proposed project residential receptor from I-5 and SR-76 would result in potential cancer health risk that would exceed the applicable SDAPCD threshold. However, with implementation of MM-AQ-2a and MM-AQ-2b, potential cancer risk at the future proposed project residential receptor would be reduced to less than the SDAPCD threshold of 10 in 1 million.

As mentioned previously, while combined health risk impacts from the nearby train tracks and roadway are not required to be included in the HRA, this analysis has been completed for disclosure purposes only in Section 5 of the HRA. Those results demonstrate that, with or without the locomotive analysis, impacts are less than significant with the mitigation already required for the potential roadway impacts.

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13 CCR 2025. Final Regulation Order to Reduce Emissions of Diesel Particulate Matter, Oxides of Nitrogen, and Other Pollutants from In-Use Heavy-Duty Diesel-Fueled Vehicles.

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APPENDIX A

Emission Calculations

Alta Oceanside Roadway Health Risk Assessment - Roadway Emission Inventory

Vehicle Class	Fuel Type	2024 Daily Traffic Count	Distance (meter)	Distance (miles)	Daily VMT	Unmitigated Exhaust PM10				Mitigated Exhaust PM10			
						EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)	EF (g/mile)	Emission (g/day)	Emission (lb/hr)	Emission (lb/yr)
I-5 Northbound													
Non-Trucks	DSL	1,421	8,520	5.29	7,524	1.31E-02	98.65	**9.06E-03**	**79.38**	2.85E-03	21.41	**1.97E-03**	**17.23**
LHDT1/LHDT2	DSL	15	8,520	5.29	79	5.27E-03	0.42	**3.82E-05**	**0.33**	1.14E-03	0.09	**8.29E-06**	**0.07**
MHDT	DSL	71	8,520	5.29	377	4.33E-03	1.63	**1.50E-04**	**1.31**	9.40E-04	0.35	**3.25E-05**	**0.29**
HHDT	DSL	651	8,520	5.29	3,450	2.24E-02	77.33	**7.10E-03**	**62.22**	4.86E-03	16.78	**1.54E-03**	**13.50**
Northbound All Diesel Vehicles							178.02	**1.64E-02**	**143.25**		38.63	**3.55E-03**	**31.08**
I-5 Southbound													
Non-Trucks	DSL	702	8,483	5.27	3,699	1.31E-02	48.50	4.45E-03	**39.02**	2.85E-03	10.52	**9.67E-04**	**8.47**
LHDT1/LHDT2	DSL	7	8,483	5.27	39	5.27E-03	0.20	1.88E-05	**0.16**	1.14E-03	0.04	**4.07E-06**	**0.04**
MHDT	DSL	35	8,483	5.27	185	4.33E-03	0.80	7.37E-05	**0.65**	9.40E-04	0.17	**1.60E-05**	**0.14**
HHDT	DSL	322	8,483	5.27	1,696	2.24E-02	38.01	3.49E-03	**30.59**	4.86E-03	8.25	**7.58E-04**	**6.64**
Southbound All Diesel Vehicles							87.52	8.04E-03	**70.42**		18.99	**1.74E-03**	**15.28**
SR-76 Westbound													
Non-Trucks	DSL	827	2,069	1.29	1,063	1.31E-02	13.93	1.28E-03	**11.21**	2.85E-03	3.02	**2.78E-04**	**2.43**
LHDT1/LHDT2	DSL	9	2,069	1.29	11	5.27E-03	0.06	5.39E-06	**0.05**	1.14E-03	0.01	**1.17E-06**	**0.01**
MHDT	DSL	41	2,069	1.29	53	4.33E-03	0.23	2.12E-05	**0.19**	9.40E-04	0.05	**4.60E-06**	**0.04**
HHDT	DSL	379	2,069	1.29	487	2.24E-02	10.92	1.00E-03	**8.79**	4.86E-03	2.37	**2.18E-04**	**1.91**
Westbound All Diesel Vehicles							25.14	2.31E-03	**20.23**		5.46	**5.01E-04**	**4.39**
SR-76 Eastbound													
Non-Trucks	DSL	827	2,046	1.27	1,051	1.31E-02	13.78	1.27E-03	**11.09**	2.85E-03	2.99	**2.75E-04**	**2.41**
LHDT1/LHDT2	DSL	9	2,046	1.27	11	5.27E-03	0.06	5.33E-06	**0.05**	1.14E-03	0.01	**1.16E-06**	**0.01**
MHDT	DSL	41	2,046	1.27	53	4.33E-03	0.23	2.09E-05	**0.18**	9.40E-04	0.05	**4.54E-06**	**0.04**
HHDT	DSL	379	2,046	1.27	482	2.24E-02	10.80	9.92E-04	**8.69**	4.86E-03	2.34	**2.15E-04**	**1.89**
Eastbound All Diesel Vehicles							24.86	2.28E-03	**20.01**		5.40	**4.96E-04**	**4.34**

% Reduction Assumed	
87%	% Time Ind
90%	% MERV13
78.30%	Total Reduc

1. Estimated based on the California Department of Transportation PeMS, EMFAC2017 emission rates, and Countywide diesel vehicle % based on VMT.
2. Based on the modeled link length used in the AERMOD model.

Locomotives Emissions

Service train volumes

Type	Frequency	Trains per Year	Trains per Day	Trains per Hour
Passenger	Trains per day	16,060	44	3
Freight	Trains per day	1,460	4	1

1. Number of trains per day from City of Oceanside, as listed in Noise Report.
2. Number of passenger trains determined by Amtrak schedule (17 hours/day)

Emission Factors for Passenger Locomotives, g/bhp-hr

	Exhaust PM10	
EF, g/gal	3.9	From Table 6
BGSC, bhp-hr/gal	20.8	From Table 3
EF, g/bhp-hr	0.19	

https://nepis.epa.gov/Exe/ZyPURL.cgi?Dockey=P100500B.TXT

Emission Factors for Freight Locomotives, g/bhp-hr

	Exhaust PM10
EF, g/bhp-hr	0.21

https://pantheonstorage.blob.core.windows.net/environment/2016-Maritime-Air-Emissions-Inventory.pdf

	2,097.6	meters
Modeled locomotive track distance	1.30	miles
Locomotive speed	30	miles per hour
	0.04	hour/train
Traverse 1.30 miles in	2.61	minutes/train
Engine Rating	3,500	bhp

Emissions Summary

					Unmitigated		Mitigated			
	EF (g/bhp-hr)	Load Factor	Trains per year	Trains per hour	lb/year	lb/hr	lb/year	lb/hr	% Reduction Assumed	
Passenger	0.19	28.9%	16,060	3	291.74	0.047	63.31	0.0102	87%	% Time Indoors
Freight	0.21	28.9%	1,460	1	29.70	0.020	6.45	0.0044	90%	% MERV13 PM10 Redu
				TOTAL	**321.45**	**0.067**	**69.75**	**0.015**	78.30%	Total Reduction

Alta Oceanside Roadway Health Risk Assessment Calculations
EMFAC2017

EMFAC2017 (v1.0.2) Emission Rates
Region Type: County
Region: SAN DIEGO
Calendar Year: 2024
Season: Annual
Vehicle Classification: EMFAC2007 Categories
Units: miles/day for VMT, g/mile for RUNEX, PMBW and PMTW

Emission Factor Summary

Non-Truck Aggregate EF	0.0131	g/mile	65.83%
LHDT1/LHDT2 Aggregate EF	0.0053	g/mile	0.69%
MHDT EF	0.0043	g/mile	3.30%
HHDT EF	0.0224	g/mile	30.18%

Region	CalYr	VehClass	MdlYr	Speed	Fuel	VMT	PM10_RUNEX			
SAN DIEGO	2024	HHDT	Aggregated	55	DSL	188201.29	0.022416	% HD of DSL	208,748.42	33.48%
SAN DIEGO	2024	LDA	Aggregated	55	DSL	20547.134	0.004334	% LD of DSL	414,793.39	66.52%
SAN DIEGO	2024	LDT1	Aggregated	55	DSL	52.545195	0.117907		623,541.81	
SAN DIEGO	2024	LDT2	Aggregated	55	DSL	4255.1509	0.003874			
SAN DIEGO	2024	LHDT1	Aggregated	55	DSL	111958.67	0.014155			
SAN DIEGO	2024	LHDT2	Aggregated	55	DSL	41081.02	0.013822			
SAN DIEGO	2024	MDV	Aggregated	55	DSL	10187.143	0.003281			
SAN DIEGO	2024	MH	Aggregated	55	DSL	4794.3057	0.10284			
SAN DIEGO	2024	MHDT	Aggregated	55	DSL	226106.4	0.009436			
SAN DIEGO	2024	OBUS	Aggregated	55	DSL	2163.8695	0.019368			
SAN DIEGO	2024	SBUS	Aggregated	55	DSL	14194.283	0.037155			
SAN DIEGO	2024	UBUS	Aggregated	55	DSL	0	0			

No.	Freeway Segment	Direction	# of Lanes	ADT	Truck %
I-5[1]					
1	at Aliso Creek	NB	4	64,158	0.33%
		SB	4	63,046	0.55%
2	at Harbor Drive	NB	4	62,609	5.85%
		SB	4	61,901	9.31%
3	at Oceanside Boulevard	NB	4	89,072	2.42%
		SB	4	92,406	1.15%
SR-76[2]					
4	Coast Hwy to I-5	EB	2	25,500	4.40%
		WB	2	25,500	4.40%
5	I-5 to Loretta Street	EB	2	25,500	4.40%
		WB	2	25,500	4.40%
	Loretta Street to Canyon Drive	EB	2	22,500	4.40%
		WB	2	22,500	4.40%
6	Loretta Street to Canyon Drive	EB	2	21,000	4.40%
		WB	2	21,000	4.40%
	Canyon Drive to Benet Road	EB	2	23,250	5.40%
		WB	2	23,250	5.40%

<- Note: use average or the max value

[1] Data from Caltrans PeMS 19.0.0 for corresponding locations; ADT and Truck % based on aggregate data from October 2018 to October 2019.

[2] Data from most recent Caltrans data available (ADT - 2017 Traffic Volumes; Truck % - 2013 Daily Truck Traffic); directional split not available for SR-76 ADT volumes - assumed 50 percent eastbound/westbound split of total ADT.

APPENDIX B

AERMOD Input and HARP2 Output Files

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 10/8/2019
** File: C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside
Construction.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID SO2
   RUNORNOT RUN
   ERRORFIL "Alta Oceanside Construction.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 = CONST
** DESCRSRC
** PREFIX
** Length of Side = 11.63
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 2.33
** SZINIT = 1.08
** Nodes = 24
** 464025.685, 3673819.804, 16.34, 5.00, 5.41
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** 464038.759, 3673821.156, 16.37, 5.00, 5.41
** 464052.284, 3673822.058, 16.35, 5.00, 5.41
** 464053.186, 3673942.880, 17.15, 5.00, 5.41
** 464065.809, 3673942.880, 17.24, 5.00, 5.41
** 464064.908, 3673820.705, 16.35, 5.00, 5.41
** 464074.375, 3673821.607, 16.53, 5.00, 5.41
** 464074.375, 3673943.331, 17.25, 5.00, 5.41
** 464087.449, 3673941.528, 17.33, 5.00, 5.41
** 464086.547, 3673849.108, 16.68, 5.00, 5.41
** 464098.720, 3673849.559, 16.85, 5.00, 5.41
** 464098.720, 3673943.782, 17.50, 5.00, 5.41
** 464112.695, 3673943.782, 17.62, 5.00, 5.41
** 464113.146, 3673849.559, 17.04, 5.00, 5.41
** 464123.966, 3673850.009, 17.06, 5.00, 5.41
** 464123.966, 3673944.684, 17.74, 5.00, 5.41
** 464137.040, 3673943.782, 18.27, 5.00, 5.41
** 464136.139, 3673850.460, 17.62, 5.00, 5.41
** 464147.860, 3673850.460, 18.05, 5.00, 5.41
** 464147.860, 3673945.134, 18.48, 5.00, 5.41
** 464160.483, 3673945.134, 18.54, 5.00, 5.41
** 464160.033, 3673851.362, 18.31, 5.00, 5.41
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   LOCATION L0000002     VOLUME   464026.006 3673837.246 16.42
   LOCATION L0000003     VOLUME   464026.220 3673848.874 16.46
   LOCATION L0000004     VOLUME   464026.433 3673860.502 16.52
   LOCATION L0000005     VOLUME   464026.647 3673872.130 16.64
   LOCATION L0000006     VOLUME   464026.861 3673883.758 16.69
   LOCATION L0000007     VOLUME   464027.075 3673895.386 16.83
   LOCATION L0000008     VOLUME   464027.288 3673907.014 17.05
   LOCATION L0000009     VOLUME   464027.502 3673918.642 17.18
   LOCATION L0000010     VOLUME   464027.716 3673930.270 16.91
   LOCATION L0000011     VOLUME   464027.930 3673941.898 14.71
   LOCATION L0000012     VOLUME   464039.038 3673942.429 16.05
   LOCATION L0000013     VOLUME   464039.579 3673931.423 17.30
   LOCATION L0000014     VOLUME   464039.493 3673919.793 17.23
   LOCATION L0000015     VOLUME   464039.406 3673908.163 17.01
   LOCATION L0000016     VOLUME   464039.320 3673896.534 16.88
   LOCATION L0000017     VOLUME   464039.233 3673884.904 16.71
   LOCATION L0000018     VOLUME   464039.147 3673873.274 16.63
   LOCATION L0000019     VOLUME   464039.060 3673861.645 16.53
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   LOCATION L0000022     VOLUME   464038.801 3673826.756 16.41
   LOCATION L0000023     VOLUME   464044.777 3673821.557 16.35
   LOCATION L0000024     VOLUME   464052.315 3673826.163 16.36
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LOCATION	L0000030	VOLUME	464052.836	3673895.941	16.92
LOCATION	L0000031	VOLUME	464052.922	3673907.571	16.97
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LOCATION	L0000035	VOLUME	464064.396	3673942.880	16.82
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LOCATION	L0000070	VOLUME	464098.720	3673883.980	17.07
LOCATION	L0000071	VOLUME	464098.720	3673895.610	17.18
LOCATION	L0000072	VOLUME	464098.720	3673907.240	17.32

LOCATION	L0000073	VOLUME	464098.720	3673918.870	17.39
LOCATION	L0000074	VOLUME	464098.720	3673930.500	17.42
LOCATION	L0000075	VOLUME	464098.720	3673942.130	17.47
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LOCATION	L0000092	VOLUME	464123.966	3673927.038	17.69
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LOCATION	L0000104	VOLUME	464147.860	3673854.221	18.11
LOCATION	L0000105	VOLUME	464147.860	3673865.851	18.08
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LOCATION	L0000110	VOLUME	464147.860	3673924.001	18.46
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LOCATION	L0000113	VOLUME	464160.478	3673944.001	18.54
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LOCATION	L0000116	VOLUME	464160.310	3673909.111	18.38
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LOCATION	L0000118	VOLUME	464160.198	3673885.851	18.24
LOCATION	L0000119	VOLUME	464160.142	3673874.221	18.25
LOCATION	L0000120	VOLUME	464160.087	3673862.591	18.26

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** Source Parameters **
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   SRCPARAM L0000005     0.0083333333      5.00      5.41      1.08
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SRCPARAM	L0000054	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000055	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000056	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000057	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000058	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000059	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000060	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000061	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000062	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000063	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000064	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000065	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000066	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000067	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000068	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000069	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000070	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000071	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000072	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000073	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000074	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000075	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000076	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000077	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000078	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000079	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000080	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000081	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000082	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000083	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000084	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000085	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000086	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000087	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000088	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000089	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000090	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000091	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000092	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000093	0.0083333333	5.00	5.41	1.08

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   SRCPARAM L0000094     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000095     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000096     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000097     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000098     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000099     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000100     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000101     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000102     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000103     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000104     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000105     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000106     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000107     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000108     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000109     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000110     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000111     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000112     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000113     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000114     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000115     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000116     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000117     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000118     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000119     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000120     0.0083333333      5.00      5.41      1.08
** ----------------------------------------------------------------------

** Variable Emissions Type: "By Season / Hour / Day (SHRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
** Winter
   EMISFACT L0000001     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000001     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000001     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000002     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000002     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000003     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000003     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000004     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000004     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000005     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000005     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000006     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000006     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000007     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000007     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000008     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000008     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000009     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000009     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000010     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000010     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000011     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000011     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000012     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000012     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000013     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000014     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000014     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000015     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000015     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000016     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000016     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000017     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000017     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000018     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000018     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000019     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000019     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000020     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000020     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000021     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000021     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000022     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000022     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000023     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000023     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000024     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000025     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000026     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000027     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000027     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000028     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000028     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000029     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000029     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000029     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000030     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000030     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000031     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000031     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000031     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000032     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000032     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000032     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000033     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000033     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000034     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000034     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000035     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000035     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000036     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000036     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000036     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000037     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000038     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000038     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000039     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000039     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000040     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000040     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000041     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000041     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000042     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000042     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000042     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000043     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000043     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000044     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000044     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000045     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000045     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000045     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000046     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000046     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000046     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000047     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000047     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000048     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000048     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000048     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000049     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000049     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000049     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000050     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000050     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000051     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000051     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000051     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000052     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000052     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000053     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000053     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000053     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000054     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000054     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000054     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000055     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000055     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000055     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000056     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000056     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000064     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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   EMISFACT L0000004     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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EMISFACT L0000015     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000087     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000087     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000087     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000088     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000088     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000088     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000089     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000089     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000089     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000090     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000090     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000090     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000091     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000091     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000091     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000092     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000092     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000092     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000093     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000093     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000093     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000094     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000094     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000097     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000097     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000098     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000098     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000098     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000099     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000099     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000101     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000102     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000102     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000103     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000104     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000105     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000105     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000106     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000107     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000109     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000109     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000110     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000111     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000111     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
** Winter
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   EMISFACT L0000001     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000003     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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EMISFACT L0000013     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000023     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000025     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000026     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000027     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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EMISFACT L0000029     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000097     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000098     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000098     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000099     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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** Spring
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EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000108     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000110     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000111     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Summer
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EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000119     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000119     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000120     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000120     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Fall
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   EMISFACT L0000002     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000002     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000005     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000061     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000062     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000062     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000063     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000063     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000064     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000064     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000064     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000065     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000065     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000065     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000066     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000066     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000066     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000067     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000067     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000067     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000068     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000068     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000069     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000069     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000070     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000098     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000105     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000106     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000106     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
** Winter
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   EMISFACT L0000001     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000013     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000019     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000022     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000023     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000025     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000025     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000036     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000036     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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EMISFACT L0000101     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000102     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000102     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000103     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000103     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000104     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000104     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000105     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000105     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000106     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000106     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000107     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000108     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000108     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
```

```
   EMISFACT L0000109     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000109     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000110     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000110     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000111     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000111     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000111     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000111     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000112     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000112     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000112     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000112     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000113     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000113     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000113     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000113     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000114     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000114     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000115     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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   EMISFACT L0000115     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000116     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000116     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000116     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000116     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000117     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000117     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000117     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000117     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000118     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000118     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000118     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000118     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000119     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000119     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000119     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000119     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000120     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
```

```
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Alta Oceanside Construction.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR
2019.04\HRA\Met\CMP_2010_2012_v16126.SFC"
   PROFFILE "C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR
2019.04\HRA\Met\CMP_2010_2012_v16126.PFL"
   SURFDATA 3177 2010
   UAIRDATA 3190 2010
   SITEDATA 1008 2010
   PROFBASE 54.0 FEET
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Alta Oceanside Construction.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "Alta Oceanside Construction.AD\PE00GALL.PLT" 32
   SUMMFILE "Alta Oceanside Construction.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)
```

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


    ********   WARNING MESSAGES   ********
 CO W361      25       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186    6117       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6117       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                             ***     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:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  SO2

 **Note that special processing requirements apply for the 1-hour SO2 NAAQS - check
available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged
across the number of years modeled.

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

 **This Run Includes:    120 Source(s);       1 Source Group(s); and     884
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    120 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE 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:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    16.46 ;  Decay
```

```
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Alta Oceanside Construction.err

 **File for Summary of Results:   Alta Oceanside Construction.sum

 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000001         0   0.83333E-02  464025.8 3673825.6    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000002         0   0.83333E-02  464026.0 3673837.2    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000003         0   0.83333E-02  464026.2 3673848.9    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000004         0   0.83333E-02  464026.4 3673860.5    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000005         0   0.83333E-02  464026.6 3673872.1    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000006         0   0.83333E-02  464026.9 3673883.8    16.7     5.00     5.41
1.08     NO    SHRDOW
```

```
 L0000007         0   0.83333E-02  464027.1 3673895.4    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000008         0   0.83333E-02  464027.3 3673907.0    17.1     5.00     5.41
1.08     NO    SHRDOW
 L0000009         0   0.83333E-02  464027.5 3673918.6    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000010         0   0.83333E-02  464027.7 3673930.3    16.9     5.00     5.41
1.08     NO    SHRDOW
 L0000011         0   0.83333E-02  464027.9 3673941.9    14.7     5.00     5.41
1.08     NO    SHRDOW
 L0000012         0   0.83333E-02  464039.0 3673942.4    16.1     5.00     5.41
1.08     NO    SHRDOW
 L0000013         0   0.83333E-02  464039.6 3673931.4    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000014         0   0.83333E-02  464039.5 3673919.8    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000015         0   0.83333E-02  464039.4 3673908.2    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000016         0   0.83333E-02  464039.3 3673896.5    16.9     5.00     5.41
1.08     NO    SHRDOW
 L0000017         0   0.83333E-02  464039.2 3673884.9    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000018         0   0.83333E-02  464039.1 3673873.3    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000019         0   0.83333E-02  464039.1 3673861.6    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000020         0   0.83333E-02  464039.0 3673850.0    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000021         0   0.83333E-02  464038.9 3673838.4    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000022         0   0.83333E-02  464038.8 3673826.8    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000023         0   0.83333E-02  464044.8 3673821.6    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000024         0   0.83333E-02  464052.3 3673826.2    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000025         0   0.83333E-02  464052.4 3673837.8    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000026         0   0.83333E-02  464052.5 3673849.4    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000027         0   0.83333E-02  464052.6 3673861.1    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000028         0   0.83333E-02  464052.7 3673872.7    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000029         0   0.83333E-02  464052.7 3673884.3    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000030         0   0.83333E-02  464052.8 3673895.9    16.9     5.00     5.41
1.08     NO    SHRDOW
```

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1.08     NO    SHRDOW
 L0000032         0   0.83333E-02  464053.0 3673919.2    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000033         0   0.83333E-02  464053.1 3673930.8    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000034         0   0.83333E-02  464053.2 3673942.5    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000035         0   0.83333E-02  464064.4 3673942.9    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000036         0   0.83333E-02  464065.7 3673932.7    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000037         0   0.83333E-02  464065.6 3673921.0    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000038         0   0.83333E-02  464065.6 3673909.4    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000039         0   0.83333E-02  464065.5 3673897.8    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000040         0   0.83333E-02  464065.4 3673886.1    16.9     5.00     5.41
1.08     NO    SHRDOW
```



```
                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.83333E-02  464065.3 3673874.5    16.8     5.00     5.41
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1.08     NO    SHRDOW
 L0000044         0   0.83333E-02  464065.0 3673839.6    16.5     5.00     5.41
1.08     NO    SHRDOW
```

```
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1.08     NO    SHRDOW
 L0000047         0   0.83333E-02  464074.4 3673828.1    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000048         0   0.83333E-02  464074.4 3673839.7    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000049         0   0.83333E-02  464074.4 3673851.3    16.6     5.00     5.41
1.08     NO    SHRDOW
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1.08     NO    SHRDOW
 L0000051         0   0.83333E-02  464074.4 3673874.6    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000052         0   0.83333E-02  464074.4 3673886.2    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000053         0   0.83333E-02  464074.4 3673897.8    17.1     5.00     5.41
1.08     NO    SHRDOW
 L0000054         0   0.83333E-02  464074.4 3673909.5    17.1     5.00     5.41
1.08     NO    SHRDOW
 L0000055         0   0.83333E-02  464074.4 3673921.1    17.3     5.00     5.41
1.08     NO    SHRDOW
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1.08     NO    SHRDOW
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1.08     NO    SHRDOW
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1.08     NO    SHRDOW
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1.08     NO    SHRDOW
 L0000060         0   0.83333E-02  464087.2 3673918.8    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000061         0   0.83333E-02  464087.1 3673907.2    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000062         0   0.83333E-02  464087.0 3673895.5    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000063         0   0.83333E-02  464086.9 3673883.9    16.9     5.00     5.41
1.08     NO    SHRDOW
 L0000064         0   0.83333E-02  464086.8 3673872.3    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000065         0   0.83333E-02  464086.7 3673860.7    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000066         0   0.83333E-02  464086.6 3673849.1    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000067         0   0.83333E-02  464098.3 3673849.5    16.9     5.00     5.41
1.08     NO    SHRDOW
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1.08     NO    SHRDOW
```

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1.08     NO    SHRDOW
 L0000070         0   0.83333E-02  464098.7 3673884.0    17.1     5.00     5.41
1.08     NO    SHRDOW
 L0000071         0   0.83333E-02  464098.7 3673895.6    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000072         0   0.83333E-02  464098.7 3673907.2    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000073         0   0.83333E-02  464098.7 3673918.9    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000074         0   0.83333E-02  464098.7 3673930.5    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000075         0   0.83333E-02  464098.7 3673942.1    17.5     5.00     5.41
1.08     NO    SHRDOW
 L0000076         0   0.83333E-02  464108.7 3673943.8    17.5     5.00     5.41
1.08     NO    SHRDOW
 L0000077         0   0.83333E-02  464112.7 3673936.1    17.6     5.00     5.41
1.08     NO    SHRDOW
 L0000078         0   0.83333E-02  464112.8 3673924.5    17.6     5.00     5.41
1.08     NO    SHRDOW
 L0000079         0   0.83333E-02  464112.8 3673912.9    17.6     5.00     5.41
1.08     NO    SHRDOW
 L0000080         0   0.83333E-02  464112.9 3673901.3    17.4     5.00     5.41
1.08     NO    SHRDOW
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000081         0   0.83333E-02  464113.0 3673889.6    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000082         0   0.83333E-02  464113.0 3673878.0    17.4     5.00     5.41
1.08     NO    SHRDOW
```

L0000083	0	0.83333E-02	464113.1	3673866.4	17.2	5.00	5.41	1.08	NO	SHRDOW
L0000084	0	0.83333E-02	464113.1	3673854.7	17.1	5.00	5.41	1.08	NO	SHRDOW
L0000085	0	0.83333E-02	464119.6	3673849.8	17.1	5.00	5.41	1.08	NO	SHRDOW
L0000086	0	0.83333E-02	464124.0	3673857.3	17.2	5.00	5.41	1.08	NO	SHRDOW
L0000087	0	0.83333E-02	464124.0	3673868.9	17.4	5.00	5.41	1.08	NO	SHRDOW
L0000088	0	0.83333E-02	464124.0	3673880.5	17.6	5.00	5.41	1.08	NO	SHRDOW
L0000089	0	0.83333E-02	464124.0	3673892.1	17.6	5.00	5.41	1.08	NO	SHRDOW
L0000090	0	0.83333E-02	464124.0	3673903.8	17.6	5.00	5.41	1.08	NO	SHRDOW
L0000091	0	0.83333E-02	464124.0	3673915.4	17.7	5.00	5.41	1.08	NO	SHRDOW
L0000092	0	0.83333E-02	464124.0	3673927.0	17.7	5.00	5.41	1.08	NO	SHRDOW
L0000093	0	0.83333E-02	464124.0	3673938.7	17.8	5.00	5.41	1.08	NO	SHRDOW
L0000094	0	0.83333E-02	464129.6	3673944.3	18.0	5.00	5.41	1.08	NO	SHRDOW
L0000095	0	0.83333E-02	464137.0	3673939.6	18.4	5.00	5.41	1.08	NO	SHRDOW
L0000096	0	0.83333E-02	464136.9	3673928.0	18.2	5.00	5.41	1.08	NO	SHRDOW
L0000097	0	0.83333E-02	464136.8	3673916.4	18.0	5.00	5.41	1.08	NO	SHRDOW
L0000098	0	0.83333E-02	464136.7	3673904.8	17.9	5.00	5.41	1.08	NO	SHRDOW
L0000099	0	0.83333E-02	464136.6	3673893.1	17.8	5.00	5.41	1.08	NO	SHRDOW
L0000100	0	0.83333E-02	464136.4	3673881.5	17.8	5.00	5.41	1.08	NO	SHRDOW
L0000101	0	0.83333E-02	464136.3	3673869.9	17.8	5.00	5.41	1.08	NO	SHRDOW
L0000102	0	0.83333E-02	464136.2	3673858.2	17.7	5.00	5.41	1.08	NO	SHRDOW
L0000103	0	0.83333E-02	464140.0	3673850.5	17.9	5.00	5.41	1.08	NO	SHRDOW
L0000104	0	0.83333E-02	464147.9	3673854.2	18.1	5.00	5.41	1.08	NO	SHRDOW
L0000105	0	0.83333E-02	464147.9	3673865.9	18.1	5.00	5.41	1.08	NO	SHRDOW
L0000106	0	0.83333E-02	464147.9	3673877.5	18.0	5.00	5.41	1.08	NO	SHRDOW

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 L0000107         0   0.83333E-02  464147.9 3673889.1    18.0     5.00     5.41
1.08     NO    SHRDOW
 L0000108         0   0.83333E-02  464147.9 3673900.7    18.1     5.00     5.41
1.08     NO    SHRDOW
 L0000109         0   0.83333E-02  464147.9 3673912.4    18.3     5.00     5.41
1.08     NO    SHRDOW
 L0000110         0   0.83333E-02  464147.9 3673924.0    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000111         0   0.83333E-02  464147.9 3673935.6    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000112         0   0.83333E-02  464150.0 3673945.1    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000113         0   0.83333E-02  464160.5 3673944.0    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000114         0   0.83333E-02  464160.4 3673932.4    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000115         0   0.83333E-02  464160.4 3673920.7    18.4     5.00     5.41
1.08     NO    SHRDOW
 L0000116         0   0.83333E-02  464160.3 3673909.1    18.4     5.00     5.41
1.08     NO    SHRDOW
 L0000117         0   0.83333E-02  464160.3 3673897.5    18.3     5.00     5.41
1.08     NO    SHRDOW
 L0000118         0   0.83333E-02  464160.2 3673885.9    18.2     5.00     5.41
1.08     NO    SHRDOW
 L0000119         0   0.83333E-02  464160.1 3673874.2    18.2     5.00     5.41
1.08     NO    SHRDOW
 L0000120         0   0.83333E-02  464160.1 3673862.6    18.3     5.00     5.41
1.08     NO    SHRDOW
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------


  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,
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             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
L0000062    , L0000063    , L0000064    ,

             L0000065    , L0000066    , L0000067    , L0000068    , L0000069    ,
L0000070    , L0000071    , L0000072    ,

             L0000073    , L0000074    , L0000075    , L0000076    , L0000077    ,
L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    ,
L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE   6
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000001     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000002     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000004     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000005     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000006     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000007     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000008     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                            SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000010     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                            SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000013     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000014     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000015     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000017     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000018     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000019     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000020     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000021     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000022     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000023     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000024     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000025     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                            SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000028     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000029     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000030     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000032     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000033     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000034     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000035     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000038     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000039     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000040     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000041     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000042     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000043     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000044     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000045     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000046     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000047     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000048     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000050     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000051     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000052     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000053     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000054     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000055     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000056     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000057     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000058     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000059     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000060     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000061     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000063     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000064     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000065     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000066     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000067     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000068     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000069     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000070     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000071     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000072     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000073     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000075     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000076     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000077     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000082     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000083     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000084     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000086     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                            SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000087     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000088     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000089     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000090     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000091     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000093     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000094     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000095     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000096     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000097     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000098     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000099     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000100     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000101     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000103     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000104     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000105     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000106     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000107     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000108     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000109     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000110     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000111     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000112     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000113     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000114     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000117     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000118     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000119     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000120     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                                                *** DISCRETE CARTESIAN RECEPTORS ***
```

(464300.0, 3672750.0, 4.3, 13.2, 0.0); (464350.0, 3672750.0, 11.8, 12.8, 0.0);
(464400.0, 3672750.0, 13.0, 13.0, 0.0); (464450.0, 3672750.0, 13.2, 13.2, 0.0);
(464500.0, 3672750.0, 13.8, 13.8, 0.0); (464550.0, 3672750.0, 14.4, 14.4, 0.0);
(464600.0, 3672750.0, 15.5, 15.5, 0.0); (464650.0, 3672750.0, 16.1, 16.1, 0.0);
(464700.0, 3672750.0, 17.9, 17.9, 0.0); (464750.0, 3672750.0, 19.8, 19.8, 0.0);
(464800.0, 3672750.0, 20.9, 20.9, 0.0); (464850.0, 3672750.0, 21.0, 21.0, 0.0);
(464900.0, 3672750.0, 21.1, 21.1, 0.0); (464950.0, 3672750.0, 21.8, 21.8, 0.0);
(465000.0, 3672750.0, 21.6, 21.6, 0.0); (465050.0, 3672750.0, 22.1, 22.1, 0.0);
(465100.0, 3672750.0, 23.2, 23.2, 0.0); (465150.0, 3672750.0, 24.5, 24.5, 0.0);
(465200.0, 3672750.0, 26.2, 42.2, 0.0); (464300.0, 3672800.0, 4.8, 13.4, 0.0);
(464350.0, 3672800.0, 12.9, 12.9, 0.0); (464400.0, 3672800.0, 13.2, 13.2, 0.0);
(464450.0, 3672800.0, 13.5, 13.5, 0.0); (464500.0, 3672800.0, 14.5, 14.5, 0.0);
(464550.0, 3672800.0, 15.0, 15.0, 0.0); (464600.0, 3672800.0, 15.6, 15.6, 0.0);
(464650.0, 3672800.0, 17.4, 17.4, 0.0); (464700.0, 3672800.0, 19.4, 19.4, 0.0);
(464750.0, 3672800.0, 21.1, 21.1, 0.0); (464800.0, 3672800.0, 21.3, 21.3, 0.0);
(464850.0, 3672800.0, 21.2, 21.2, 0.0); (464900.0, 3672800.0, 22.3, 22.3, 0.0);
(464950.0, 3672800.0, 22.5, 22.5, 0.0); (465000.0, 3672800.0, 23.0, 23.0, 0.0);
(465050.0, 3672800.0, 22.9, 22.9, 0.0); (465100.0, 3672800.0, 25.2, 25.2, 0.0);
(465150.0, 3672800.0, 25.7, 27.4, 0.0); (465200.0, 3672800.0, 27.8, 41.3, 0.0);
(464250.0, 3672850.0, 4.4, 13.6, 0.0); (464300.0, 3672850.0, 13.0, 13.0, 0.0);
(464350.0, 3672850.0, 13.2, 13.2, 0.0); (464400.0, 3672850.0, 13.4, 13.4, 0.0);
(464450.0, 3672850.0, 13.9, 13.9, 0.0); (464500.0, 3672850.0, 14.9, 14.9, 0.0);
(464550.0, 3672850.0, 15.3, 15.3, 0.0); (464600.0,

3672850.0, 16.3, 16.3, 0.0);
(464650.0, 3672850.0, 18.5, 18.5, 0.0); (464700.0, 3672850.0, 20.5, 20.5, 0.0);
(464750.0, 3672850.0, 21.4, 21.4, 0.0); (464800.0, 3672850.0, 21.5, 21.5, 0.0);
(464850.0, 3672850.0, 21.6, 21.6, 0.0); (464900.0, 3672850.0, 22.1, 22.1, 0.0);
(464950.0, 3672850.0, 23.7, 23.7, 0.0); (465000.0, 3672850.0, 23.4, 23.4, 0.0);
(465050.0, 3672850.0, 24.8, 24.8, 0.0); (465100.0, 3672850.0, 26.4, 26.4, 0.0);
(465150.0, 3672850.0, 28.3, 28.3, 0.0); (465200.0, 3672850.0, 31.1, 40.5, 0.0);
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(464500.0, 3672900.0, 14.8, 14.8, 0.0); (464550.0, 3672900.0, 15.8, 18.8, 0.0);
(464600.0, 3672900.0, 17.4, 17.4, 0.0); (464650.0, 3672900.0, 19.4, 19.4, 0.0);
(464700.0, 3672900.0, 20.8, 20.8, 0.0); (464750.0, 3672900.0, 21.1, 21.1, 0.0);
(464800.0, 3672900.0, 21.1, 21.1, 0.0); (464850.0, 3672900.0, 21.9, 21.9, 0.0);
(464900.0, 3672900.0, 23.3, 23.3, 0.0); (464950.0, 3672900.0, 23.7, 23.7, 0.0);
(465000.0, 3672900.0, 25.0, 25.0, 0.0); (465050.0, 3672900.0, 26.3, 26.3, 0.0);
(465100.0, 3672900.0, 27.5, 27.5, 0.0); (465150.0, 3672900.0, 31.0, 31.6, 0.0);
(465200.0, 3672900.0, 32.0, 41.4, 0.0); (464150.0, 3672950.0, 4.1, 13.8, 0.0);
(464200.0, 3672950.0, 5.8, 13.8, 0.0); (464350.0, 3672950.0, 13.7, 13.7, 0.0);
(464400.0, 3672950.0, 14.3, 14.3, 0.0); (464450.0, 3672950.0, 14.7, 14.7, 0.0);
(464500.0, 3672950.0, 15.2, 15.2, 0.0); (464550.0, 3672950.0, 18.8, 18.8, 0.0);
(464600.0, 3672950.0, 18.8, 18.8, 0.0); (464650.0, 3672950.0, 20.3, 20.3, 0.0);
(464700.0, 3672950.0, 21.1, 21.1, 0.0); (464750.0, 3672950.0, 21.4, 21.4, 0.0);
(464800.0, 3672950.0, 21.5, 21.5, 0.0); (464850.0, 3672950.0, 22.6, 22.6, 0.0);
(464900.0, 3672950.0, 24.0, 24.0, 0.0); (464950.0, 3672950.0, 24.7, 24.7, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(465000.0, 3672950.0, 25.9, 25.9, 0.0); (465050.0, 3672950.0, 27.3, 27.3, 0.0);
(465100.0, 3672950.0, 29.5, 38.7, 0.0); (465150.0, 3672950.0, 32.5, 38.7, 0.0);
(465200.0, 3672950.0, 35.9, 39.4, 0.0); (464150.0, 3673000.0, 4.5, 14.6, 0.0);
(464200.0, 3673000.0, 13.1, 13.1, 0.0); (464250.0, 3673000.0, 13.7, 13.7, 0.0);
(464300.0, 3673000.0, 13.7, 13.7, 0.0); (464350.0, 3673000.0, 13.8, 13.8, 0.0);
(464400.0, 3673000.0, 14.7, 14.7, 0.0); (464450.0, 3673000.0, 14.9, 14.9, 0.0);
(464500.0, 3673000.0, 15.8, 15.8, 0.0); (464550.0, 3673000.0, 17.6, 17.6, 0.0);
(464600.0, 3673000.0, 18.9, 18.9, 0.0); (464650.0, 3673000.0, 20.2, 21.1, 0.0);
(464700.0, 3673000.0, 21.4, 21.4, 0.0); (464750.0, 3673000.0, 21.4, 21.4, 0.0);
(464800.0, 3673000.0, 22.3, 22.3, 0.0); (464850.0, 3673000.0, 24.2, 24.2, 0.0);
(464900.0, 3673000.0, 24.6, 24.6, 0.0); (464950.0, 3673000.0, 25.7, 25.7, 0.0);
(465000.0, 3673000.0, 27.2, 27.2, 0.0); (465050.0, 3673000.0, 28.9, 28.9, 0.0);
(465100.0, 3673000.0, 30.9, 38.8, 0.0); (465150.0, 3673000.0, 35.2, 40.8, 0.0);
(465200.0, 3673000.0, 38.6, 40.8, 0.0); (464100.0, 3673050.0, 5.5, 14.7, 0.0);
(464150.0, 3673050.0, 10.5, 14.5, 0.0); (464200.0, 3673050.0, 12.8, 12.8, 0.0);
(464250.0, 3673050.0, 13.5, 13.5, 0.0); (464300.0, 3673050.0, 13.8, 13.8, 0.0);
(464350.0, 3673050.0, 14.7, 14.7, 0.0); (464400.0, 3673050.0, 14.0, 14.5, 0.0);
(464450.0, 3673050.0, 15.4, 15.4, 0.0); (464500.0, 3673050.0, 16.6, 16.6, 0.0);
(464550.0, 3673050.0, 18.5, 18.5, 0.0); (464600.0, 3673050.0, 20.3, 20.3, 0.0);
(464650.0, 3673050.0, 21.2, 21.2, 0.0); (464700.0,

3673050.0, 21.7, 21.7, 0.0);
(464750.0, 3673050.0, 21.5, 21.5, 0.0); (464800.0, 3673050.0, 23.4, 23.4, 0.0);
(464850.0, 3673050.0, 24.6, 24.6, 0.0); (464900.0, 3673050.0, 25.4, 25.4, 0.0);
(464950.0, 3673050.0, 27.0, 27.0, 0.0); (465000.0, 3673050.0, 28.4, 28.4, 0.0);
(465050.0, 3673050.0, 30.2, 38.8, 0.0); (465100.0, 3673050.0, 34.4, 38.8, 0.0);
(465150.0, 3673050.0, 38.6, 38.6, 0.0); (465200.0, 3673050.0, 39.9, 39.9, 0.0);
(464050.0, 3673100.0, 4.3, 14.7, 0.0); (464100.0, 3673100.0, 5.8, 14.7, 0.0);
(464150.0, 3673100.0, 14.3, 14.3, 0.0); (464200.0, 3673100.0, 14.2, 14.2, 0.0);
(464250.0, 3673100.0, 14.0, 14.0, 0.0); (464300.0, 3673100.0, 14.3, 14.3, 0.0);
(464350.0, 3673100.0, 14.9, 14.9, 0.0); (464400.0, 3673100.0, 14.6, 14.6, 0.0);
(464450.0, 3673100.0, 15.8, 15.8, 0.0); (464500.0, 3673100.0, 17.1, 17.1, 0.0);
(464550.0, 3673100.0, 19.6, 19.6, 0.0); (464600.0, 3673100.0, 20.9, 20.9, 0.0);
(464650.0, 3673100.0, 21.3, 21.3, 0.0); (464700.0, 3673100.0, 21.6, 21.6, 0.0);
(464750.0, 3673100.0, 22.7, 22.7, 0.0); (464800.0, 3673100.0, 24.5, 24.5, 0.0);
(464850.0, 3673100.0, 25.2, 25.2, 0.0); (464900.0, 3673100.0, 26.5, 26.5, 0.0);
(464950.0, 3673100.0, 28.6, 28.6, 0.0); (465000.0, 3673100.0, 30.3, 30.3, 0.0);
(465050.0, 3673100.0, 32.1, 41.4, 0.0); (465100.0, 3673100.0, 37.0, 38.3, 0.0);
(465150.0, 3673100.0, 40.5, 41.4, 0.0); (465200.0, 3673100.0, 41.3, 41.3, 0.0);
(464050.0, 3673150.0, 6.0, 14.2, 0.0); (464100.0, 3673150.0, 12.5, 12.9, 0.0);
(464150.0, 3673150.0, 13.3, 13.3, 0.0); (464200.0, 3673150.0, 13.8, 13.8, 0.0);
(464250.0, 3673150.0, 14.0, 14.0, 0.0); (464300.0, 3673150.0, 14.9, 14.9, 0.0);
(464350.0, 3673150.0, 14.4, 14.4, 0.0); (464400.0, 3673150.0, 15.3, 15.3, 0.0);
(464450.0, 3673150.0, 16.3, 16.3, 0.0); (464500.0, 3673150.0, 18.6, 18.6, 0.0);
(464550.0, 3673150.0, 20.2, 20.2, 0.0); (464600.0, 3673150.0, 21.1, 21.1, 0.0);
(464650.0, 3673150.0, 21.5, 21.5, 0.0); (464700.0,

3673150.0, 22.0, 22.0, 0.0);
(464750.0, 3673150.0, 23.4, 23.4, 0.0); (464800.0, 3673150.0, 25.0, 25.0, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464850.0, 3673150.0, 25.5, 25.5, 0.0); (464900.0, 3673150.0, 27.1, 27.1, 0.0);
(464950.0, 3673150.0, 29.6, 29.6, 0.0); (465000.0, 3673150.0, 31.3, 31.3, 0.0);
(465050.0, 3673150.0, 34.6, 40.7, 0.0); (465100.0, 3673150.0, 38.2, 41.4, 0.0);
(465150.0, 3673150.0, 41.4, 41.4, 0.0); (465200.0, 3673150.0, 41.0, 41.0, 0.0);
(464000.0, 3673200.0, 5.2, 14.2, 0.0); (464050.0, 3673200.0, 11.4, 14.2, 0.0);
(464100.0, 3673200.0, 12.9, 12.9, 0.0); (464150.0, 3673200.0, 13.2, 13.2, 0.0);
(464200.0, 3673200.0, 13.7, 13.7, 0.0); (464250.0, 3673200.0, 14.6, 14.6, 0.0);
(464300.0, 3673200.0, 14.7, 14.7, 0.0); (464350.0, 3673200.0, 15.4, 15.4, 0.0);
(464400.0, 3673200.0, 15.9, 15.9, 0.0); (464450.0, 3673200.0, 17.2, 17.2, 0.0);
(464500.0, 3673200.0, 20.0, 20.0, 0.0); (464550.0, 3673200.0, 20.6, 20.6, 0.0);
(464600.0, 3673200.0, 20.9, 20.9, 0.0); (464650.0, 3673200.0, 21.3, 21.3, 0.0);
(464700.0, 3673200.0, 23.2, 23.2, 0.0); (464750.0, 3673200.0, 24.3, 24.3, 0.0);
(464800.0, 3673200.0, 25.7, 25.7, 0.0); (464850.0, 3673200.0, 27.0, 27.0, 0.0);
(464900.0, 3673200.0, 28.5, 29.8, 0.0); (464950.0, 3673200.0, 30.9, 30.9, 0.0);
(465000.0, 3673200.0, 32.9, 32.9, 0.0); (465050.0, 3673200.0, 36.8, 36.8, 0.0);
(465100.0, 3673200.0, 40.1, 40.6, 0.0); (465150.0, 3673200.0, 41.4, 41.4, 0.0);
(465200.0, 3673200.0, 39.4, 41.1, 0.0); (463950.0,

3673250.0, 4.9, 14.2, 0.0);
(464000.0, 3673250.0, 6.4, 13.7, 0.0); (464050.0, 3673250.0, 13.0, 13.0, 0.0);
(464100.0, 3673250.0, 13.1, 13.1, 0.0); (464150.0, 3673250.0, 13.3, 13.3, 0.0);
(464200.0, 3673250.0, 14.2, 14.2, 0.0); (464250.0, 3673250.0, 14.7, 14.7, 0.0);
(464300.0, 3673250.0, 15.0, 15.0, 0.0); (464350.0, 3673250.0, 15.5, 15.5, 0.0);
(464400.0, 3673250.0, 16.7, 18.1, 0.0); (464450.0, 3673250.0, 18.2, 18.2, 0.0);
(464500.0, 3673250.0, 19.9, 19.9, 0.0); (464550.0, 3673250.0, 21.3, 21.3, 0.0);
(464600.0, 3673250.0, 22.5, 22.5, 0.0); (464650.0, 3673250.0, 22.7, 22.7, 0.0);
(464700.0, 3673250.0, 24.0, 24.0, 0.0); (464750.0, 3673250.0, 25.6, 25.6, 0.0);
(464800.0, 3673250.0, 27.4, 27.4, 0.0); (464850.0, 3673250.0, 28.4, 28.4, 0.0);
(464900.0, 3673250.0, 30.4, 30.4, 0.0); (465050.0, 3673250.0, 37.8, 37.8, 0.0);
(465100.0, 3673250.0, 39.9, 39.9, 0.0); (465150.0, 3673250.0, 39.7, 41.1, 0.0);
(465200.0, 3673250.0, 38.1, 38.1, 0.0); (463950.0, 3673300.0, 4.8, 14.3, 0.0);
(464000.0, 3673300.0, 13.2, 13.2, 0.0); (464050.0, 3673300.0, 13.3, 13.3, 0.0);
(464100.0, 3673300.0, 13.4, 13.4, 0.0); (464150.0, 3673300.0, 14.0, 14.0, 0.0);
(464200.0, 3673300.0, 14.8, 14.8, 0.0); (464250.0, 3673300.0, 14.2, 14.2, 0.0);
(464300.0, 3673300.0, 15.2, 15.2, 0.0); (464350.0, 3673300.0, 16.0, 16.0, 0.0);
(464400.0, 3673300.0, 18.1, 18.1, 0.0); (464450.0, 3673300.0, 19.5, 19.5, 0.0);
(464500.0, 3673300.0, 20.2, 20.2, 0.0); (464550.0, 3673300.0, 20.5, 20.5, 0.0);
(464600.0, 3673300.0, 20.3, 23.3, 0.0); (464650.0, 3673300.0, 23.8, 23.8, 0.0);
(464700.0, 3673300.0, 24.7, 24.7, 0.0); (464750.0, 3673300.0, 25.8, 25.8, 0.0);
(464800.0, 3673300.0, 27.0, 27.0, 0.0); (464850.0, 3673300.0, 29.8, 29.8, 0.0);
(464900.0, 3673300.0, 31.2, 31.2, 0.0); (465050.0, 3673300.0, 39.1, 39.1, 0.0);
(465100.0, 3673300.0, 39.2, 39.2, 0.0); (465150.0, 3673300.0, 37.6, 37.6, 0.0);
(465200.0, 3673300.0, 37.6, 37.6, 0.0); (463900.0,

3673350.0, 4.4, 14.4, 0.0);
(463950.0, 3673350.0, 13.2, 14.1, 0.0); (464000.0, 3673350.0, 13.6, 13.6, 0.0);
(464050.0, 3673350.0, 13.6, 13.6, 0.0); (464100.0, 3673350.0, 13.8, 13.8, 0.0);
(464150.0, 3673350.0, 14.5, 14.5, 0.0); (464200.0, 3673350.0, 14.0, 14.0, 0.0);
(464250.0, 3673350.0, 15.0, 15.0, 0.0); (464300.0, 3673350.0, 15.6, 15.6, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

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(464550.0, 3673350.0, 21.1, 21.1, 0.0); (464600.0, 3673350.0, 22.7, 22.7, 0.0);
(464650.0, 3673350.0, 24.0, 24.0, 0.0); (464700.0, 3673350.0, 25.9, 25.9, 0.0);
(464750.0, 3673350.0, 26.2, 26.2, 0.0); (464800.0, 3673350.0, 28.1, 30.6, 0.0);
(464850.0, 3673350.0, 31.2, 32.6, 0.0); (464900.0, 3673350.0, 34.4, 34.4, 0.0);
(465100.0, 3673350.0, 38.1, 38.1, 0.0); (465150.0, 3673350.0, 37.2, 37.2, 0.0);
(465200.0, 3673350.0, 37.2, 37.2, 0.0); (463850.0, 3673400.0, 4.4, 14.5, 0.0);
(463900.0, 3673400.0, 6.5, 14.5, 0.0); (463950.0, 3673400.0, 13.9, 13.9, 0.0);
(464000.0, 3673400.0, 13.6, 13.6, 0.0); (464050.0, 3673400.0, 13.6, 13.6, 0.0);
(464100.0, 3673400.0, 14.3, 14.3, 0.0); (464150.0, 3673400.0, 14.4, 14.4, 0.0);
(464200.0, 3673400.0, 14.9, 14.9, 0.0); (464250.0, 3673400.0, 15.3, 15.3, 0.0);
(464300.0, 3673400.0, 16.1, 16.1, 0.0); (464350.0, 3673400.0, 18.6, 18.6, 0.0);
(464400.0, 3673400.0, 19.4, 19.4, 0.0); (464450.0,

3673400.0, 20.7, 20.7, 0.0);
(464500.0, 3673400.0, 20.7, 20.7, 0.0); (464550.0, 3673400.0, 21.7, 21.7, 0.0);
(464600.0, 3673400.0, 23.5, 23.5, 0.0); (464650.0, 3673400.0, 25.4, 25.4, 0.0);
(464700.0, 3673400.0, 25.9, 25.9, 0.0); (464750.0, 3673400.0, 27.6, 27.6, 0.0);
(464800.0, 3673400.0, 30.4, 30.4, 0.0); (464850.0, 3673400.0, 33.9, 34.5, 0.0);
(464900.0, 3673400.0, 37.1, 37.1, 0.0); (465200.0, 3673400.0, 36.7, 36.7, 0.0);
(463850.0, 3673450.0, 4.5, 14.5, 0.0); (463900.0, 3673450.0, 14.3, 14.3, 0.0);
(463950.0, 3673450.0, 13.9, 13.9, 0.0); (464000.0, 3673450.0, 13.9, 13.9, 0.0);
(464050.0, 3673450.0, 12.3, 14.7, 0.0); (464100.0, 3673450.0, 14.4, 14.4, 0.0);
(464150.0, 3673450.0, 14.2, 14.2, 0.0); (464200.0, 3673450.0, 15.4, 15.4, 0.0);
(464250.0, 3673450.0, 15.8, 17.4, 0.0); (464300.0, 3673450.0, 17.6, 19.1, 0.0);
(464350.0, 3673450.0, 19.1, 19.1, 0.0); (464400.0, 3673450.0, 19.9, 19.9, 0.0);
(464450.0, 3673450.0, 20.9, 20.9, 0.0); (464500.0, 3673450.0, 21.4, 21.4, 0.0);
(464550.0, 3673450.0, 22.8, 22.8, 0.0); (464600.0, 3673450.0, 25.0, 25.0, 0.0);
(464650.0, 3673450.0, 25.9, 25.9, 0.0); (464700.0, 3673450.0, 26.6, 26.6, 0.0);
(464750.0, 3673450.0, 28.6, 28.6, 0.0); (464800.0, 3673450.0, 31.9, 31.9, 0.0);
(464850.0, 3673450.0, 35.5, 37.1, 0.0); (464950.0, 3673450.0, 37.1, 37.1, 0.0);
(465000.0, 3673450.0, 36.9, 36.9, 0.0); (463800.0, 3673500.0, 4.2, 14.5, 0.0);
(463850.0, 3673500.0, 12.6, 14.1, 0.0); (463900.0, 3673500.0, 13.7, 13.7, 0.0);
(463950.0, 3673500.0, 13.9, 13.9, 0.0); (464000.0, 3673500.0, 12.6, 12.6, 0.0);
(464050.0, 3673500.0, 14.8, 14.8, 0.0); (464100.0, 3673500.0, 14.4, 14.4, 0.0);
(464150.0, 3673500.0, 14.9, 14.9, 0.0); (464200.0, 3673500.0, 15.5, 15.5, 0.0);
(464250.0, 3673500.0, 17.3, 17.3, 0.0); (464300.0, 3673500.0, 19.1, 19.1, 0.0);
(464350.0, 3673500.0, 19.7, 19.7, 0.0); (464400.0, 3673500.0, 20.9, 20.9, 0.0);
(464450.0, 3673500.0, 21.4, 21.4, 0.0); (464500.0,

3673500.0, 22.3, 22.3, 0.0);
(464550.0, 3673500.0, 24.1, 24.1, 0.0); (464600.0, 3673500.0, 25.4, 25.4, 0.0);
(464650.0, 3673500.0, 26.0, 26.0, 0.0); (464700.0, 3673500.0, 28.6, 28.6, 0.0);
(464750.0, 3673500.0, 30.0, 32.0, 0.0); (464800.0, 3673500.0, 33.5, 33.5, 0.0);
(465000.0, 3673500.0, 37.0, 37.0, 0.0); (465050.0, 3673500.0, 37.1, 37.1, 0.0);
(463750.0, 3673550.0, 4.5, 4.5, 0.0); (463800.0, 3673550.0, 5.4, 14.2, 0.0);
(463850.0, 3673550.0, 11.9, 11.9, 0.0); (463900.0, 3673550.0, 14.2, 14.2, 0.0);
(463950.0, 3673550.0, 12.8, 13.1, 0.0); (464000.0, 3673550.0, 13.6, 13.9, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464050.0, 3673550.0, 13.0, 14.7, 0.0); (464100.0, 3673550.0, 14.7, 14.7, 0.0);
(464150.0, 3673550.0, 15.3, 15.3, 0.0); (464200.0, 3673550.0, 17.0, 17.0, 0.0);
(464250.0, 3673550.0, 18.0, 18.0, 0.0); (464300.0, 3673550.0, 19.2, 19.2, 0.0);
(464350.0, 3673550.0, 20.8, 20.8, 0.0); (464400.0, 3673550.0, 21.0, 21.0, 0.0);
(464450.0, 3673550.0, 21.9, 21.9, 0.0); (464500.0, 3673550.0, 22.7, 22.7, 0.0);
(464550.0, 3673550.0, 24.4, 24.4, 0.0); (464600.0, 3673550.0, 25.2, 25.2, 0.0);
(464650.0, 3673550.0, 26.8, 28.6, 0.0); (464700.0, 3673550.0, 29.7, 29.7, 0.0);
(464750.0, 3673550.0, 32.6, 32.6, 0.0); (464800.0, 3673550.0, 35.3, 35.3, 0.0);
(464850.0, 3673550.0, 38.5, 38.5, 0.0); (464900.0, 3673550.0, 39.5, 39.5, 0.0);
(464950.0, 3673550.0, 37.2, 39.9, 0.0); (465000.0, 3673550.0, 37.5, 37.5, 0.0);
(465050.0, 3673550.0, 37.0, 37.0, 0.0); (465100.0,

3673550.0, 36.9, 36.9, 0.0);
(463650.0, 3673600.0, 4.7, 7.7, 0.0); (463700.0, 3673600.0, 4.6, 4.6, 0.0);
(463750.0, 3673600.0, 4.5, 4.5, 0.0); (463800.0, 3673600.0, 8.8, 8.8, 0.0);
(463850.0, 3673600.0, 9.2, 14.1, 0.0); (463900.0, 3673600.0, 8.8, 14.4, 0.0);
(463950.0, 3673600.0, 10.2, 14.0, 0.0); (464000.0, 3673600.0, 14.1, 14.1, 0.0);
(464050.0, 3673600.0, 14.9, 14.9, 0.0); (464100.0, 3673600.0, 15.1, 15.1, 0.0);
(464150.0, 3673600.0, 15.7, 15.7, 0.0); (464200.0, 3673600.0, 17.2, 17.2, 0.0);
(464250.0, 3673600.0, 19.1, 19.1, 0.0); (464300.0, 3673600.0, 20.2, 20.2, 0.0);
(464350.0, 3673600.0, 20.6, 20.6, 0.0); (464400.0, 3673600.0, 21.9, 21.9, 0.0);
(464450.0, 3673600.0, 23.1, 23.1, 0.0); (464500.0, 3673600.0, 24.1, 24.1, 0.0);
(464550.0, 3673600.0, 24.5, 24.5, 0.0); (464600.0, 3673600.0, 25.8, 25.8, 0.0);
(464650.0, 3673600.0, 28.1, 28.1, 0.0); (464700.0, 3673600.0, 31.2, 31.2, 0.0);
(464750.0, 3673600.0, 33.6, 33.6, 0.0); (464800.0, 3673600.0, 36.8, 40.8, 0.0);
(464850.0, 3673600.0, 40.5, 40.5, 0.0); (464900.0, 3673600.0, 39.8, 39.8, 0.0);
(464950.0, 3673600.0, 38.8, 38.8, 0.0); (465000.0, 3673600.0, 38.8, 40.0, 0.0);
(463600.0, 3673650.0, 4.4, 4.4, 0.0); (463650.0, 3673650.0, 5.6, 8.6, 0.0);
(463700.0, 3673650.0, 7.0, 7.0, 0.0); (463750.0, 3673650.0, 5.3, 10.9, 0.0);
(463800.0, 3673650.0, 6.6, 9.6, 0.0); (463850.0, 3673650.0, 8.1, 9.0, 0.0);
(463900.0, 3673650.0, 8.3, 15.0, 0.0); (463950.0, 3673650.0, 12.7, 14.4, 0.0);
(464000.0, 3673650.0, 14.3, 14.3, 0.0); (464050.0, 3673650.0, 14.6, 14.6, 0.0);
(464100.0, 3673650.0, 15.5, 15.5, 0.0); (464150.0, 3673650.0, 16.5, 16.5, 0.0);
(464200.0, 3673650.0, 18.7, 18.7, 0.0); (464250.0, 3673650.0, 19.4, 19.4, 0.0);
(464300.0, 3673650.0, 20.7, 20.7, 0.0); (464350.0, 3673650.0, 21.9, 21.9, 0.0);
(464400.0, 3673650.0, 23.1, 23.1, 0.0); (464450.0, 3673650.0, 23.8, 23.8, 0.0);
(464500.0, 3673650.0, 25.0, 25.0, 0.0); (464550.0,

3673650.0, 25.5, 25.5, 0.0);
(464600.0, 3673650.0, 27.2, 27.2, 0.0); (464650.0, 3673650.0, 28.8, 28.8, 0.0);
(464700.0, 3673650.0, 31.8, 40.7, 0.0); (464750.0, 3673650.0, 35.0, 40.5, 0.0);
(464800.0, 3673650.0, 39.5, 39.8, 0.0); (464850.0, 3673650.0, 40.9, 40.9, 0.0);
(464900.0, 3673650.0, 39.1, 41.5, 0.0); (464950.0, 3673650.0, 36.9, 39.0, 0.0);
(465200.0, 3673650.0, 36.4, 36.4, 0.0); (463600.0, 3673700.0, 4.5, 4.5, 0.0);
(463650.0, 3673700.0, 6.1, 6.9, 0.0); (463700.0, 3673700.0, 7.6, 7.6, 0.0);
(463750.0, 3673700.0, 6.2, 10.9, 0.0); (463800.0, 3673700.0, 10.5, 10.5, 0.0);
(463950.0, 3673700.0, 15.0, 15.0, 0.0); (464000.0, 3673700.0, 15.1, 15.1, 0.0);
(464050.0, 3673700.0, 15.4, 15.4, 0.0); (464100.0, 3673700.0, 16.0, 16.0, 0.0);
(464150.0, 3673700.0, 17.8, 17.8, 0.0); (464200.0, 3673700.0, 18.9, 18.9, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** *** *** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464250.0, 3673700.0, 19.9, 19.9, 0.0); (464300.0, 3673700.0, 20.9, 20.9, 0.0);
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(464450.0, 3673700.0, 25.1, 25.1, 0.0); (464500.0, 3673700.0, 25.3, 25.3, 0.0);
(464550.0, 3673700.0, 26.5, 26.5, 0.0); (464600.0, 3673700.0, 28.0, 28.0, 0.0);
(464650.0, 3673700.0, 31.0, 31.0, 0.0); (464700.0, 3673700.0, 33.9, 41.7, 0.0);
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(463650.0, 3673750.0, 4.7, 4.7, 0.0); (463700.0,

3673750.0, 6.1, 10.0, 0.0);
(463750.0, 3673750.0, 9.3, 9.3, 0.0); (463800.0, 3673750.0, 8.8, 8.8, 0.0);
(463900.0, 3673750.0, 12.1, 15.6, 0.0); (463950.0, 3673750.0, 15.4, 15.4, 0.0);
(464000.0, 3673750.0, 15.7, 15.7, 0.0); (464050.0, 3673750.0, 16.8, 16.8, 0.0);
(464100.0, 3673750.0, 16.9, 16.9, 0.0); (464150.0, 3673750.0, 17.1, 17.1, 0.0);
(464200.0, 3673750.0, 19.2, 19.2, 0.0); (464250.0, 3673750.0, 19.9, 19.9, 0.0);
(464300.0, 3673750.0, 21.2, 21.2, 0.0); (464350.0, 3673750.0, 22.7, 22.7, 0.0);
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(464600.0, 3673750.0, 30.1, 30.1, 0.0); (464650.0, 3673750.0, 33.4, 33.4, 0.0);
(464700.0, 3673750.0, 36.7, 36.7, 0.0); (464750.0, 3673750.0, 38.5, 41.7, 0.0);
(465150.0, 3673750.0, 36.4, 36.4, 0.0); (465200.0, 3673750.0, 38.1, 38.1, 0.0);
(463750.0, 3673800.0, 8.1, 9.3, 0.0); (463800.0, 3673800.0, 8.9, 8.9, 0.0);
(463900.0, 3673800.0, 7.2, 16.3, 0.0); (463950.0, 3673800.0, 15.7, 15.7, 0.0);
(464000.0, 3673800.0, 16.2, 16.2, 0.0); (464050.0, 3673800.0, 16.3, 16.3, 0.0);
(464100.0, 3673800.0, 16.8, 16.8, 0.0); (464150.0, 3673800.0, 17.8, 17.8, 0.0);
(464200.0, 3673800.0, 18.5, 18.5, 0.0); (464300.0, 3673800.0, 22.2, 22.2, 0.0);
(464350.0, 3673800.0, 22.4, 22.4, 0.0); (464400.0, 3673800.0, 24.8, 34.9, 0.0);
(464450.0, 3673800.0, 28.7, 35.1, 0.0); (464500.0, 3673800.0, 28.1, 35.1, 0.0);
(464550.0, 3673800.0, 29.4, 35.0, 0.0); (465100.0, 3673800.0, 36.2, 36.2, 0.0);
(465150.0, 3673800.0, 37.4, 37.4, 0.0); (465200.0, 3673800.0, 38.4, 38.4, 0.0);
(463900.0, 3673850.0, 5.5, 16.7, 0.0); (463950.0, 3673850.0, 9.7, 16.9, 0.0);
(464000.0, 3673850.0, 16.5, 16.5, 0.0); (464200.0, 3673850.0, 18.7, 18.7, 0.0);
(464750.0, 3673850.0, 37.2, 37.2, 0.0); (464800.0, 3673850.0, 36.9, 37.6, 0.0);
(465100.0, 3673850.0, 37.4, 37.4, 0.0); (465150.0,

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(465200.0, 3673850.0, 39.0, 39.0, 0.0); (463950.0, 3673900.0, 6.1, 17.4, 0.0);
(464000.0, 3673900.0, 16.0, 16.2, 0.0); (464200.0, 3673900.0, 18.9, 18.9, 0.0);
(464650.0, 3673900.0, 36.5, 36.5, 0.0); (464700.0, 3673900.0, 36.9, 36.9, 0.0);
(464750.0, 3673900.0, 37.0, 37.0, 0.0); (465100.0, 3673900.0, 38.0, 38.0, 0.0);
(465150.0, 3673900.0, 38.8, 38.8, 0.0); (465200.0, 3673900.0, 39.4, 39.4, 0.0);
(463500.0, 3673950.0, 4.1, 4.1, 0.0); (464000.0, 3673950.0, 8.4, 17.6, 0.0);
(464200.0, 3673950.0, 20.1, 20.1, 0.0); (464550.0, 3673950.0, 35.5, 38.8, 0.0);
(464600.0, 3673950.0, 36.4, 36.4, 0.0); (464650.0, 3673950.0, 36.1, 36.1, 0.0);
(464700.0, 3673950.0, 36.5, 36.5, 0.0); (465100.0, 3673950.0, 38.2, 38.2, 0.0);
(465150.0, 3673950.0, 39.2, 39.2, 0.0); (465200.0, 3673950.0, 40.2, 40.2, 0.0);
(463450.0, 3674000.0, 4.2, 4.2, 0.0); (463500.0, 3674000.0, 1.5, 4.3, 0.0);
(463550.0, 3674000.0, 1.4, 1.4, 0.0); (463600.0, 3674000.0, 2.8, 2.8, 0.0);
(464050.0, 3674000.0, 16.3, 17.6, 0.0); (464100.0, 3674000.0, 17.3, 17.3, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464150.0, 3674000.0, 18.3, 18.3, 0.0); (464200.0, 3674000.0, 19.3, 19.3, 0.0);
(464550.0, 3674000.0, 35.5, 35.5, 0.0); (464600.0, 3674000.0, 35.8, 35.8, 0.0);
(464650.0, 3674000.0, 36.2, 36.2, 0.0); (465100.0, 3674000.0, 38.5, 38.5, 0.0);
(465150.0, 3674000.0, 40.0, 40.0, 0.0); (465200.0, 3674000.0, 40.9, 40.9, 0.0);
(463400.0, 3674050.0, 4.5, 4.5, 0.0); (463450.0,

3674050.0, 1.7, 4.6, 0.0);
(463500.0, 3674050.0, 1.4, 1.4, 0.0); (463550.0, 3674050.0, 1.4, 1.4, 0.0);
(463600.0, 3674050.0, 1.4, 1.4, 0.0); (463650.0, 3674050.0, 2.4, 2.9, 0.0);
(464150.0, 3674050.0, 18.7, 18.7, 0.0); (464500.0, 3674050.0, 32.0, 35.0, 0.0);
(464550.0, 3674050.0, 34.6, 34.6, 0.0); (464600.0, 3674050.0, 35.2, 35.2, 0.0);
(465100.0, 3674050.0, 38.4, 38.4, 0.0); (465150.0, 3674050.0, 39.9, 39.9, 0.0);
(465200.0, 3674050.0, 41.6, 41.6, 0.0); (463400.0, 3674100.0, 2.6, 3.9, 0.0);
(463550.0, 3674100.0, 1.4, 1.4, 0.0); (463600.0, 3674100.0, 1.4, 1.4, 0.0);
(463650.0, 3674100.0, 1.4, 1.4, 0.0); (463700.0, 3674100.0, 1.4, 2.9, 0.0);
(464500.0, 3674100.0, 34.1, 34.1, 0.0); (464550.0, 3674100.0, 33.8, 33.8, 0.0);
(465100.0, 3674100.0, 38.3, 38.3, 0.0); (465150.0, 3674100.0, 39.4, 39.4, 0.0);
(465200.0, 3674100.0, 42.5, 42.5, 0.0); (463350.0, 3674150.0, 3.6, 3.6, 0.0);
(463500.0, 3674150.0, 1.4, 1.4, 0.0); (463550.0, 3674150.0, 1.4, 1.4, 0.0);
(463600.0, 3674150.0, 1.4, 1.4, 0.0); (463700.0, 3674150.0, 1.4, 9.1, 0.0);
(464500.0, 3674150.0, 33.2, 33.2, 0.0); (464550.0, 3674150.0, 33.4, 33.4, 0.0);
(465100.0, 3674150.0, 35.1, 38.9, 0.0); (465150.0, 3674150.0, 39.1, 39.1, 0.0);
(465200.0, 3674150.0, 39.8, 39.8, 0.0); (463300.0, 3674200.0, 3.8, 3.8, 0.0);
(463450.0, 3674200.0, 1.4, 13.5, 0.0); (463500.0, 3674200.0, 1.4, 13.6, 0.0);
(463550.0, 3674200.0, 1.4, 14.1, 0.0); (463600.0, 3674200.0, 1.4, 14.7, 0.0);
(463650.0, 3674200.0, 1.4, 14.7, 0.0); (463700.0, 3674200.0, 1.4, 14.7, 0.0);
(464450.0, 3674200.0, 29.4, 32.8, 0.0); (464500.0, 3674200.0, 32.5, 32.5, 0.0);
(465200.0, 3674200.0, 39.3, 39.3, 0.0); (463300.0, 3674250.0, 1.4, 1.4, 0.0);
(463400.0, 3674250.0, 1.4, 13.5, 0.0); (463450.0, 3674250.0, 3.2, 13.6, 0.0);
(463500.0, 3674250.0, 2.8, 14.2, 0.0); (463550.0, 3674250.0, 2.8, 14.7, 0.0);
(465100.0, 3674250.0, 38.0, 38.0, 0.0); (465150.0,

3674250.0, 39.6, 39.6, 0.0);
(465200.0, 3674250.0, 40.8, 40.8, 0.0); (463350.0, 3674300.0, 1.4, 13.4, 0.0);
(463400.0, 3674300.0, 3.9, 13.5, 0.0); (463450.0, 3674300.0, 11.1, 13.3, 0.0);
(463500.0, 3674300.0, 9.9, 13.6, 0.0); (463550.0, 3674300.0, 8.6, 14.4, 0.0);
(463700.0, 3674300.0, 8.3, 16.2, 0.0); (463800.0, 3674300.0, 8.1, 16.9, 0.0);
(463850.0, 3674300.0, 8.3, 18.2, 0.0); (463900.0, 3674300.0, 9.2, 20.5, 0.0);
(463950.0, 3674300.0, 10.6, 20.5, 0.0); (464000.0, 3674300.0, 7.5, 21.4, 0.0);
(465150.0, 3674300.0, 40.0, 40.0, 0.0); (465200.0, 3674300.0, 41.3, 41.3, 0.0);
(463300.0, 3674350.0, 1.4, 13.1, 0.0); (463350.0, 3674350.0, 3.4, 13.3, 0.0);
(463400.0, 3674350.0, 12.8, 12.8, 0.0); (463450.0, 3674350.0, 12.6, 12.6, 0.0);
(463500.0, 3674350.0, 13.1, 13.1, 0.0); (463550.0, 3674350.0, 13.8, 13.8, 0.0);
(463600.0, 3674350.0, 14.3, 14.3, 0.0); (463650.0, 3674350.0, 13.8, 13.8, 0.0);
(463700.0, 3674350.0, 14.7, 14.7, 0.0); (463750.0, 3674350.0, 15.2, 15.2, 0.0);
(463800.0, 3674350.0, 15.4, 15.4, 0.0); (463850.0, 3674350.0, 13.6, 15.8, 0.0);
(463900.0, 3674350.0, 15.8, 15.8, 0.0); (465050.0, 3674350.0, 39.0, 39.0, 0.0);
(465100.0, 3674350.0, 39.5, 39.5, 0.0); (465150.0, 3674350.0, 40.6, 40.6, 0.0);
(465200.0, 3674350.0, 40.7, 40.7, 0.0); (463300.0, 3674400.0, 3.0, 12.8, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(463350.0, 3674400.0, 12.6, 12.6, 0.0); (463400.0, 3674400.0, 12.1, 12.1, 0.0);
(463450.0, 3674400.0, 12.8, 12.8, 0.0); (463500.0,

3674400.0, 13.5, 13.5, 0.0);
(463550.0, 3674400.0, 13.7, 13.7, 0.0); (463600.0, 3674400.0, 14.8, 15.9, 0.0);
(463700.0, 3674400.0, 16.0, 20.4, 0.0); (463750.0, 3674400.0, 16.4, 16.4, 0.0);
(463800.0, 3674400.0, 16.7, 16.7, 0.0); (463850.0, 3674400.0, 16.2, 16.2, 0.0);
(463900.0, 3674400.0, 18.2, 18.2, 0.0); (463950.0, 3674400.0, 20.0, 20.0, 0.0);
(464150.0, 3674400.0, 21.3, 21.7, 0.0); (465050.0, 3674400.0, 38.8, 38.8, 0.0);
(465100.0, 3674400.0, 39.4, 39.4, 0.0); (465150.0, 3674400.0, 40.0, 40.0, 0.0);
(465200.0, 3674400.0, 40.2, 40.2, 0.0); (463250.0, 3674450.0, 3.0, 12.6, 0.0);
(463300.0, 3674450.0, 11.9, 11.9, 0.0); (463350.0, 3674450.0, 12.2, 12.2, 0.0);
(463400.0, 3674450.0, 12.4, 12.4, 0.0); (463450.0, 3674450.0, 13.3, 13.3, 0.0);
(463500.0, 3674450.0, 13.3, 13.3, 0.0); (463550.0, 3674450.0, 14.2, 14.2, 0.0);
(463600.0, 3674450.0, 15.8, 15.8, 0.0); (463750.0, 3674450.0, 17.6, 20.5, 0.0);
(463800.0, 3674450.0, 16.7, 16.7, 0.0); (463850.0, 3674450.0, 17.2, 17.2, 0.0);
(463900.0, 3674450.0, 19.5, 19.5, 0.0); (463950.0, 3674450.0, 21.1, 21.1, 0.0);
(464100.0, 3674450.0, 24.9, 24.9, 0.0); (464150.0, 3674450.0, 24.2, 24.2, 0.0);
(464200.0, 3674450.0, 24.0, 24.0, 0.0); (465050.0, 3674450.0, 37.8, 37.8, 0.0);
(465100.0, 3674450.0, 38.9, 38.9, 0.0); (465150.0, 3674450.0, 39.4, 39.4, 0.0);
(465200.0, 3674450.0, 39.7, 39.7, 0.0); (463200.0, 3674500.0, 1.4, 12.6, 0.0);
(463250.0, 3674500.0, 3.0, 12.6, 0.0); (463300.0, 3674500.0, 12.5, 12.5, 0.0);
(463350.0, 3674500.0, 11.8, 11.8, 0.0); (463400.0, 3674500.0, 12.4, 12.4, 0.0);
(463450.0, 3674500.0, 13.6, 13.6, 0.0); (463500.0, 3674500.0, 14.4, 14.4, 0.0);
(463550.0, 3674500.0, 14.4, 14.4, 0.0); (463800.0, 3674500.0, 17.5, 17.5, 0.0);
(463850.0, 3674500.0, 17.8, 17.8, 0.0); (463900.0, 3674500.0, 20.5, 20.5, 0.0);
(464100.0, 3674500.0, 24.1, 24.1, 0.0); (464150.0, 3674500.0, 24.0, 24.0, 0.0);
(464200.0, 3674500.0, 25.8, 25.8, 0.0); (464250.0,

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(463000.0, 3674550.0, 4.5, 4.5, 0.0); (463050.0, 3674550.0, 3.6, 4.0, 0.0);
(463100.0, 3674550.0, 1.4, 1.4, 0.0); (463200.0, 3674550.0, 1.4, 12.5, 0.0);
(463250.0, 3674550.0, 5.1, 12.6, 0.0); (463300.0, 3674550.0, 12.0, 12.0, 0.0);
(463350.0, 3674550.0, 11.9, 11.9, 0.0); (463400.0, 3674550.0, 12.4, 12.4, 0.0);
(463450.0, 3674550.0, 13.5, 13.5, 0.0); (463500.0, 3674550.0, 14.6, 14.6, 0.0);
(463550.0, 3674550.0, 14.5, 14.5, 0.0); (463600.0, 3674550.0, 15.0, 15.0, 0.0);
(463900.0, 3674550.0, 21.3, 21.3, 0.0); (464050.0, 3674550.0, 23.8, 23.8, 0.0);
(464100.0, 3674550.0, 24.7, 24.7, 0.0); (464150.0, 3674550.0, 25.1, 25.1, 0.0);
(464200.0, 3674550.0, 27.7, 27.7, 0.0); (464250.0, 3674550.0, 29.2, 29.2, 0.0);
(464300.0, 3674550.0, 29.3, 29.3, 0.0); (464950.0, 3674550.0, 22.2, 38.9, 0.0);
(465000.0, 3674550.0, 23.5, 40.8, 0.0); (465050.0, 3674550.0, 30.9, 38.9, 0.0);
(465100.0, 3674550.0, 31.7, 38.9, 0.0); (463000.0, 3674600.0, 1.5, 3.1, 0.0);
(463050.0, 3674600.0, 1.4, 1.4, 0.0); (463200.0, 3674600.0, 1.4, 12.0, 0.0);
(463250.0, 3674600.0, 4.5, 12.0, 0.0); (463300.0, 3674600.0, 11.5, 11.5, 0.0);
(463350.0, 3674600.0, 11.0, 11.0, 0.0); (463400.0, 3674600.0, 11.3, 11.3, 0.0);
(463450.0, 3674600.0, 12.5, 12.5, 0.0); (463500.0, 3674600.0, 13.3, 13.3, 0.0);
(463550.0, 3674600.0, 13.9, 13.9, 0.0); (463600.0, 3674600.0, 14.8, 14.8, 0.0);
(464050.0, 3674600.0, 24.4, 24.4, 0.0); (464100.0, 3674600.0, 24.6, 24.6, 0.0);
(464150.0, 3674600.0, 26.0, 26.0, 0.0); (464200.0, 3674600.0, 29.1, 29.1, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** *** *** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(464250.0, 3674600.0, 31.1, 31.1, 0.0); (464300.0, 3674600.0, 30.6, 30.6, 0.0);
(464350.0, 3674600.0, 29.9, 30.4, 0.0); (464900.0, 3674600.0, 25.2, 38.8, 0.0);
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(465050.0, 3674600.0, 38.6, 38.6, 0.0); (465100.0, 3674600.0, 38.7, 38.7, 0.0);
(463000.0, 3674650.0, 1.4, 1.4, 0.0); (463050.0, 3674650.0, 1.4, 1.4, 0.0);
(463100.0, 3674650.0, 1.4, 1.4, 0.0); (463200.0, 3674650.0, 1.4, 11.8, 0.0);
(463250.0, 3674650.0, 4.8, 11.6, 0.0); (463300.0, 3674650.0, 5.7, 12.2, 0.0);
(463350.0, 3674650.0, 10.8, 10.8, 0.0); (463400.0, 3674650.0, 11.2, 11.2, 0.0);
(463450.0, 3674650.0, 12.8, 12.8, 0.0); (463500.0, 3674650.0, 13.0, 13.0, 0.0);
(463550.0, 3674650.0, 14.6, 14.6, 0.0); (463600.0, 3674650.0, 14.4, 14.4, 0.0);
(464000.0, 3674650.0, 24.3, 24.3, 0.0); (464050.0, 3674650.0, 24.5, 24.5, 0.0);
(464100.0, 3674650.0, 25.1, 25.1, 0.0); (464150.0, 3674650.0, 26.4, 26.4, 0.0);
(464200.0, 3674650.0, 29.9, 29.9, 0.0); (464250.0, 3674650.0, 31.8, 31.8, 0.0);
(464300.0, 3674650.0, 32.0, 32.0, 0.0); (464350.0, 3674650.0, 30.4, 30.4, 0.0);
(464900.0, 3674650.0, 28.4, 28.4, 0.0); (464950.0, 3674650.0, 28.3, 38.8, 0.0);
(465000.0, 3674650.0, 30.9, 38.8, 0.0); (465050.0, 3674650.0, 38.1, 38.1, 0.0);
(465100.0, 3674650.0, 38.6, 38.6, 0.0); (465200.0, 3674650.0, 42.3, 43.1, 0.0);
(463000.0, 3674700.0, 1.4, 1.4, 0.0); (463050.0, 3674700.0, 1.4, 1.4, 0.0);
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(463250.0, 3674700.0, 5.1, 12.5, 0.0); (463300.0, 3674700.0, 9.2, 12.2, 0.0);
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(464050.0, 3674700.0, 25.0, 25.0, 0.0); (464100.0, 3674700.0, 25.3, 25.3, 0.0);
(464150.0, 3674700.0, 27.8, 27.9, 0.0); (464200.0, 3674700.0, 30.7, 30.7, 0.0);
(464250.0, 3674700.0, 32.2, 32.2, 0.0); (464300.0, 3674700.0, 29.8, 32.5, 0.0);
(464350.0, 3674700.0, 29.6, 29.6, 0.0); (464950.0, 3674700.0, 30.8, 30.8, 0.0);
(465000.0, 3674700.0, 32.1, 38.5, 0.0); (465050.0, 3674700.0, 37.8, 37.8, 0.0);
(465100.0, 3674700.0, 40.9, 40.9, 0.0); (465150.0, 3674700.0, 42.2, 42.2, 0.0);
(465200.0, 3674700.0, 42.8, 42.8, 0.0); (463000.0, 3674750.0, 1.4, 1.4, 0.0);
(463050.0, 3674750.0, 1.4, 1.4, 0.0); (463100.0, 3674750.0, 1.4, 1.4, 0.0);
(463200.0, 3674750.0, 1.4, 12.5, 0.0); (463250.0, 3674750.0, 11.0, 11.9, 0.0);
(463300.0, 3674750.0, 12.1, 12.1, 0.0); (463350.0, 3674750.0, 11.2, 11.2, 0.0);
(463400.0, 3674750.0, 11.7, 11.7, 0.0); (463450.0, 3674750.0, 12.9, 12.9, 0.0);
(463500.0, 3674750.0, 13.5, 13.5, 0.0); (463550.0, 3674750.0, 14.8, 14.8, 0.0);
(463600.0, 3674750.0, 14.4, 14.4, 0.0); (464100.0, 3674750.0, 26.4, 26.4, 0.0);
(464150.0, 3674750.0, 28.6, 28.6, 0.0); (464200.0, 3674750.0, 31.4, 31.4, 0.0);
(464250.0, 3674750.0, 31.6, 31.6, 0.0); (464300.0, 3674750.0, 28.5, 32.3, 0.0);
(464350.0, 3674750.0, 27.1, 28.1, 0.0); (465000.0, 3674750.0, 34.3, 34.3, 0.0);
(465050.0, 3674750.0, 36.4, 36.4, 0.0); (465100.0, 3674750.0, 39.6, 41.0, 0.0);
(465150.0, 3674750.0, 41.7, 41.7, 0.0); (465200.0, 3674750.0, 43.6, 43.6, 0.0);
(463000.0, 3674800.0, 2.9, 2.9, 0.0); (463050.0, 3674800.0, 2.3, 3.2, 0.0);
(463100.0, 3674800.0, 2.7, 2.7, 0.0); (463150.0, 3674800.0, 1.4, 1.4, 0.0);
(463200.0, 3674800.0, 1.4, 12.7, 0.0); (463250.0, 3674800.0, 4.5, 12.8, 0.0);
(463300.0, 3674800.0, 12.4, 12.4, 0.0); (463350.0, 3674800.0, 12.1, 12.1, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(463400.0, 3674800.0, 11.8, 13.0, 0.0); (463450.0, 3674800.0, 13.1, 13.1, 0.0);
(463500.0, 3674800.0, 14.5, 15.1, 0.0); (463550.0, 3674800.0, 14.8, 14.8, 0.0);
(464150.0, 3674800.0, 30.9, 30.9, 0.0); (464200.0, 3674800.0, 31.1, 31.1, 0.0);
(464250.0, 3674800.0, 31.2, 31.2, 0.0); (464400.0, 3674800.0, 7.5, 43.6, 0.0);
(464450.0, 3674800.0, 7.1, 44.9, 0.0); (464500.0, 3674800.0, 6.4, 45.6, 0.0);
(465100.0, 3674800.0, 36.1, 42.6, 0.0); (465150.0, 3674800.0, 42.5, 42.5, 0.0);
(465200.0, 3674800.0, 43.0, 43.0, 0.0); (463000.0, 3674850.0, 3.0, 3.0, 0.0);
(463050.0, 3674850.0, 2.9, 2.9, 0.0); (463100.0, 3674850.0, 1.4, 1.4, 0.0);
(463150.0, 3674850.0, 1.4, 1.4, 0.0); (463200.0, 3674850.0, 1.4, 13.1, 0.0);
(463250.0, 3674850.0, 3.1, 13.2, 0.0); (463300.0, 3674850.0, 12.7, 12.7, 0.0);
(463350.0, 3674850.0, 12.6, 12.6, 0.0); (463400.0, 3674850.0, 12.8, 12.8, 0.0);
(463450.0, 3674850.0, 13.3, 13.3, 0.0); (463500.0, 3674850.0, 14.7, 15.7, 0.0);
(463550.0, 3674850.0, 15.6, 15.6, 0.0); (464200.0, 3674850.0, 31.5, 31.5, 0.0);
(464250.0, 3674850.0, 25.4, 32.3, 0.0); (464300.0, 3674850.0, 7.9, 43.6, 0.0);
(464350.0, 3674850.0, 7.2, 45.4, 0.0); (464400.0, 3674850.0, 7.0, 45.8, 0.0);
(464450.0, 3674850.0, 6.7, 45.8, 0.0); (464500.0, 3674850.0, 6.4, 46.1, 0.0);
(465150.0, 3674850.0, 35.7, 43.2, 0.0); (465200.0, 3674850.0, 42.2, 42.2, 0.0);
(463000.0, 3674900.0, 5.0, 5.0, 0.0); (463050.0, 3674900.0, 2.9, 2.9, 0.0);
(463100.0, 3674900.0, 1.4, 3.1, 0.0); (463150.0, 3674900.0, 1.4, 1.4, 0.0);
(463200.0, 3674900.0, 1.4, 13.2, 0.0); (463250.0,

3674900.0, 1.9, 14.7, 0.0);
(463300.0, 3674900.0, 11.4, 13.2, 0.0); (463350.0, 3674900.0, 12.8, 12.8, 0.0);
(463400.0, 3674900.0, 14.4, 14.4, 0.0); (463450.0, 3674900.0, 14.3, 14.3, 0.0);
(463500.0, 3674900.0, 14.8, 16.0, 0.0); (463550.0, 3674900.0, 15.5, 15.5, 0.0);
(464300.0, 3674900.0, 11.0, 44.0, 0.0); (464350.0, 3674900.0, 7.8, 45.8, 0.0);
(464400.0, 3674900.0, 8.6, 46.1, 0.0); (464450.0, 3674900.0, 21.3, 32.3, 0.0);
(464500.0, 3674900.0, 22.5, 41.2, 0.0); (464550.0, 3674900.0, 23.2, 42.6, 0.0);
(464600.0, 3674900.0, 22.5, 42.6, 0.0); (464650.0, 3674900.0, 21.5, 43.2, 0.0);
(463000.0, 3674950.0, 6.3, 6.3, 0.0); (463050.0, 3674950.0, 5.4, 5.4, 0.0);
(463100.0, 3674950.0, 2.9, 2.9, 0.0); (463150.0, 3674950.0, 1.4, 1.4, 0.0);
(463200.0, 3674950.0, 1.4, 12.8, 0.0); (463250.0, 3674950.0, 3.0, 13.2, 0.0);
(463300.0, 3674950.0, 9.1, 12.8, 0.0); (463350.0, 3674950.0, 12.9, 12.9, 0.0);
(463400.0, 3674950.0, 14.7, 14.7, 0.0); (463450.0, 3674950.0, 14.8, 16.4, 0.0);
(463500.0, 3674950.0, 15.8, 15.8, 0.0); (463550.0, 3674950.0, 16.0, 16.0, 0.0);
(464100.0, 3674950.0, 31.1, 31.1, 0.0); (464150.0, 3674950.0, 31.0, 31.0, 0.0);
(464400.0, 3674950.0, 18.5, 45.4, 0.0); (464450.0, 3674950.0, 26.0, 32.3, 0.0);
(464500.0, 3674950.0, 24.6, 43.1, 0.0); (464550.0, 3674950.0, 24.1, 43.6, 0.0);
(464600.0, 3674950.0, 24.1, 43.3, 0.0); (464650.0, 3674950.0, 27.4, 29.1, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** *** *** 13:42:44

PAGE 136
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
          1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

             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  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                   ***        13:42:44

                            PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

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

   Surface file:   C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR
2019.04\HRA\Met\CM   Met Version:  16216
   Profile file:   C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR
2019.04\HRA\Met\CM
   Surface format: FREE

   Profile format: FREE

   Surface station no.:     3177                Upper air station no.:     3190
               Name: UNKNOWN                                Name: UNKNOWN
```

First 24 hours of scalar data

```
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
 10 01 01   1 01  -28.6  0.283 -9.000 -9.000 -999.  362.     88.3  0.25   0.41
1.00    2.68   47.   10.0  283.1   10.0
 10 01 01   1 02  -28.6  0.283 -9.000 -9.000 -999.  362.     88.3  0.25   0.41
1.00    2.68   46.   10.0  283.1   10.0
 10 01 01   1 03  -24.2  0.240 -9.000 -9.000 -999.  282.     63.1  0.26   0.41
1.00    2.24   28.   10.0  283.1   10.0
 10 01 01   1 04  -24.2  0.240 -9.000 -9.000 -999.  281.     63.1  0.26   0.41
1.00    2.24   26.   10.0  283.1   10.0
 10 01 01   1 05  -17.4  0.189 -9.000 -9.000 -999.  198.     39.2  0.26   0.41
1.00    1.79   28.   10.0  283.8   10.0
 10 01 01   1 06  -23.7  0.235 -9.000 -9.000 -999.  273.     60.7  0.25   0.41
1.00    2.24   50.   10.0  282.5   10.0
 10 01 01   1 07  -23.8  0.235 -9.000 -9.000 -999.  273.     60.6  0.25   0.41
1.00    2.24   41.   10.0  282.0   10.0
 10 01 01   1 08  -26.3  0.386 -9.000 -9.000 -999.  576.    199.1  0.25   0.41
0.48    3.58   55.   10.0  283.1   10.0
 10 01 01   1 09   19.7  0.268  0.296  0.008   48.  341.    -89.0  0.26   0.41
0.26    2.24   25.   10.0  284.9   10.0
 10 01 01   1 10   49.7  0.237  0.513  0.008   98.  278.    -24.4  0.25   0.41
0.19    1.79  344.   10.0  288.8   10.0
 10 01 01   1 11   69.8  0.170  0.752  0.009  222.  169.     -6.4  0.04   0.41
0.17    1.79  274.   10.0  288.1   10.0
 10 01 01   1 12   79.5  0.135  0.919  0.008  355.  119.     -2.8  0.01   0.41
0.16    1.79  252.   10.0  288.8   10.0
 10 01 01   1 13   78.2  0.202  0.989  0.008  449.  218.     -9.6  0.04   0.41
0.16    2.24  277.   10.0  288.8   10.0
 10 01 01   1 14   66.1  0.229  0.979  0.008  515.  263.    -16.5  0.04   0.41
0.17    2.68  286.   10.0  288.8   10.0
 10 01 01   1 15   43.7  0.193  0.875  0.008  555.  204.    -15.0  0.04   0.41
0.20    2.24  289.   10.0  289.2   10.0
 10 01 01   1 16   12.7  0.118  0.582  0.008  565.   99.    -11.9  0.04   0.41
0.30    1.34  292.   10.0  288.8   10.0
 10 01 01   1 17   -2.0  0.064 -9.000 -9.000 -999.   40.     11.8  0.04   0.41
0.57    0.89  294.   10.0  288.1   10.0
 10 01 01   1 18   -2.2  0.066 -9.000 -9.000 -999.   41.     11.9  0.04   0.41
1.00    0.89  287.   10.0  287.5   10.0
 10 01 01   1 19   -4.1  0.091 -9.000 -9.000 -999.   66.     16.9  0.25   0.41
1.00    0.89  338.   10.0  287.5   10.0
 10 01 01   1 20  -21.4  0.216 -9.000 -9.000 -999.  240.     51.1  0.19   0.41
1.00    2.24   85.   10.0  286.4   10.0
 10 01 01   1 21   -1.6  0.070 -9.000 -9.000 -999.   68.     19.1  0.28   0.41
```

```
1.00    0.45   95.   10.0  286.4   10.0
 10 01 01   1 22   -9.4  0.138 -9.000 -9.000 -999.  123.     25.2  0.26   0.41
1.00    1.34   29.   10.0  285.4   10.0
 10 01 01   1 23  -23.4  0.235 -9.000 -9.000 -999.  273.     60.7  0.25   0.41
1.00    2.24   58.   10.0  284.9   10.0
 10 01 01   1 24  -23.5  0.235 -9.000 -9.000 -999.  273.     60.7  0.25   0.41
1.00    2.24   33.   10.0  284.2   10.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01   10.0 1   47.    2.68   283.2   99.0  -99.00  -99.00

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



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF SO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         464300.00    3672750.00        0.09189                      464350.00
3672750.00        0.09020
         464400.00    3672750.00        0.08824                      464450.00
3672750.00        0.08668
         464500.00    3672750.00        0.08562                      464550.00
```

3672750.00 0.08492
464600.00 3672750.00 0.08443 464650.00
3672750.00 0.08389
464700.00 3672750.00 0.08306 464750.00
3672750.00 0.08145
464800.00 3672750.00 0.08012 464850.00
3672750.00 0.07925
464900.00 3672750.00 0.07864 464950.00
3672750.00 0.07773
465000.00 3672750.00 0.07818 465050.00
3672750.00 0.07801
465100.00 3672750.00 0.07770 465150.00
3672750.00 0.07804
465200.00 3672750.00 0.07872 464300.00
3672800.00 0.09822
464350.00 3672800.00 0.09646 464400.00
3672800.00 0.09426
464450.00 3672800.00 0.09265 464500.00
3672800.00 0.09162
464550.00 3672800.00 0.09084 464600.00
3672800.00 0.09021
464650.00 3672800.00 0.08957 464700.00
3672800.00 0.08789
464750.00 3672800.00 0.08627 464800.00
3672800.00 0.08530
464850.00 3672800.00 0.08469 464900.00
3672800.00 0.08315
464950.00 3672800.00 0.08294 465000.00
3672800.00 0.08296
465050.00 3672800.00 0.08385 465100.00
3672800.00 0.08371
465150.00 3672800.00 0.08485 465200.00
3672800.00 0.08566
464250.00 3672850.00 0.10942 464300.00
3672850.00 0.10663
464350.00 3672850.00 0.10349 464400.00
3672850.00 0.10117
464450.00 3672850.00 0.09953 464500.00
3672850.00 0.09844
464550.00 3672850.00 0.09758 464600.00
3672850.00 0.09687
464650.00 3672850.00 0.09556 464700.00
3672850.00 0.09357
464750.00 3672850.00 0.09222 464800.00
3672850.00 0.09141
464850.00 3672850.00 0.09088 464900.00
3672850.00 0.09023
464950.00 3672850.00 0.08912 465000.00

3672850.00 0.09022
465050.00 3672850.00 0.09065 465100.00
3672850.00 0.09149
465150.00 3672850.00 0.09248 465200.00
3672850.00 0.09329
464400.00 3672900.00 0.10921 464450.00
3672900.00 0.10745
464500.00 3672900.00 0.10623 464550.00
3672900.00 0.10533
464600.00 3672900.00 0.10443 464650.00
3672900.00 0.10239
464700.00 3672900.00 0.10065 464750.00
3672900.00 0.09978
464800.00 3672900.00 0.09941 464850.00
3672900.00 0.09855
464900.00 3672900.00 0.09721 464950.00
3672900.00 0.09778
465000.00 3672900.00 0.09847 465050.00
3672900.00 0.09948
465100.00 3672900.00 0.10074 465150.00
3672900.00 0.10139
465200.00 3672900.00 0.10255 464150.00
3672950.00 0.14285
464200.00 3672950.00 0.13490 464350.00
3672950.00 0.12108
464400.00 3672950.00 0.11851 464450.00
3672950.00 0.11666
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464500.00	3672950.00	0.11534	464550.00	3672950.00	0.11349
464600.00	3672950.00	0.11248	464650.00	3672950.00	0.11040
464700.00	3672950.00	0.10918	464750.00	3672950.00	0.10855
464800.00	3672950.00	0.10836	464850.00	3672950.00	0.10713
464900.00	3672950.00	0.10678	464950.00	3672950.00	0.10782
465000.00	3672950.00	0.10895	465050.00	3672950.00	0.11024
465100.00	3672950.00	0.11125	465150.00	3672950.00	0.11197
465200.00	3672950.00	0.11236	464150.00	3673000.00	0.15650
464200.00	3673000.00	0.14892	464250.00	3673000.00	0.14160
464300.00	3673000.00	0.13612	464350.00	3673000.00	0.13218
464400.00	3673000.00	0.12946	464450.00	3673000.00	0.12747
464500.00	3673000.00	0.12607	464550.00	3673000.00	0.12474
464600.00	3673000.00	0.12274	464650.00	3673000.00	0.12081
464700.00	3673000.00	0.11951	464750.00	3673000.00	0.11966
464800.00	3673000.00	0.11840	464850.00	3673000.00	0.11744
464900.00	3673000.00	0.11878	464950.00	3673000.00	0.12008
465000.00	3673000.00	0.12136	465050.00	3673000.00	0.12265
465100.00	3673000.00	0.12362	465150.00	3673000.00	0.12372
465200.00	3673000.00	0.12382	464100.00	3673050.00	0.18566
464150.00	3673050.00	0.17416	464200.00	3673050.00	0.16383

```
         464250.00    3673050.00        0.15566                       464300.00
3673050.00        0.14966
         464350.00    3673050.00        0.14548                       464400.00
3673050.00        0.14234
         464450.00    3673050.00        0.14034                       464500.00
3673050.00        0.13885
         464550.00    3673050.00        0.13660                       464600.00
3673050.00        0.13391
         464650.00    3673050.00        0.13277                       464700.00
3673050.00        0.13193
         464750.00    3673050.00        0.13312                       464800.00
3673050.00        0.13098
         464850.00    3673050.00        0.13174                       464900.00
3673050.00        0.13331
         464950.00    3673050.00        0.13472                       465000.00
3673050.00        0.13618
         465050.00    3673050.00        0.13728                       465100.00
3673050.00        0.13729
         465150.00    3673050.00        0.13711                       465200.00
3673050.00        0.13756
         464050.00    3673100.00        0.22261                       464100.00
3673100.00        0.20704
         464150.00    3673100.00        0.19451                       464200.00
3673100.00        0.18206
         464250.00    3673100.00        0.17266                       464300.00
3673100.00        0.16599
         464350.00    3673100.00        0.16136                       464400.00
3673100.00        0.15802
         464450.00    3673100.00        0.15584                       464500.00
3673100.00        0.15420
         464550.00    3673100.00        0.15057                       464600.00
3673100.00        0.14869
         464650.00    3673100.00        0.14856                       464700.00
3673100.00        0.14865
         464750.00    3673100.00        0.14751                       464800.00
3673100.00        0.14748
         464850.00    3673100.00        0.14931                       464900.00
3673100.00        0.15099
         464950.00    3673100.00        0.15224                       465000.00
3673100.00        0.15347
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
```

Alta Oceanside Construction
*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465050.00	3673100.00	0.15429	465100.00	3673100.00	0.15367
465150.00	3673100.00	0.15346	465200.00	3673100.00	0.15421
464050.00	3673150.00	0.25210	464100.00	3673150.00	0.23530
464150.00	3673150.00	0.21800	464200.00	3673150.00	0.20384
464250.00	3673150.00	0.19326	464300.00	3673150.00	0.18589
464350.00	3673150.00	0.18063	464400.00	3673150.00	0.17718
464450.00	3673150.00	0.17484	464500.00	3673150.00	0.17169
464550.00	3673150.00	0.16873	464600.00	3673150.00	0.16794
464650.00	3673150.00	0.16818	464700.00	3673150.00	0.16845
464750.00	3673150.00	0.16779	464800.00	3673150.00	0.16885
464850.00	3673150.00	0.17120	464900.00	3673150.00	0.17273
464950.00	3673150.00	0.17357	465000.00	3673150.00	0.17451
465050.00	3673150.00	0.17438	465100.00	3673150.00	0.17401
465150.00	3673150.00	0.17396	465200.00		

3673150.00 0.17579
464000.00 3673200.00 0.31070 464050.00
3673200.00 0.29042
464100.00 3673200.00 0.26785 464150.00
3673200.00 0.24730
464200.00 3673200.00 0.23083 464250.00
3673200.00 0.21883
464300.00 3673200.00 0.21038 464350.00
3673200.00 0.20472
464400.00 3673200.00 0.20095 464450.00
3673200.00 0.19849
464500.00 3673200.00 0.19306 464550.00
3673200.00 0.19227
464600.00 3673200.00 0.19315 464650.00
3673200.00 0.19498
464700.00 3673200.00 0.19205 464750.00
3673200.00 0.19351
464800.00 3673200.00 0.19547 464850.00
3673200.00 0.19739
464900.00 3673200.00 0.19888 464950.00
3673200.00 0.19943
465000.00 3673200.00 0.19996 465050.00
3673200.00 0.19933
465100.00 3673200.00 0.19918 465150.00
3673200.00 0.20039
465200.00 3673200.00 0.20380 463950.00
3673250.00 0.38950
464000.00 3673250.00 0.36205 464050.00
3673250.00 0.33679
464100.00 3673250.00 0.30883 464150.00
3673250.00 0.28421
464200.00 3673250.00 0.26489 464250.00
3673250.00 0.25088
464300.00 3673250.00 0.24132 464350.00
3673250.00 0.23504
464400.00 3673250.00 0.23116 464450.00
3673250.00 0.22733
464500.00 3673250.00 0.22367 464550.00
3673250.00 0.22276
464600.00 3673250.00 0.22061 464650.00
3673250.00 0.22343
464700.00 3673250.00 0.22438 464750.00
3673250.00 0.22631
464800.00 3673250.00 0.22816 464850.00
3673250.00 0.23019
464900.00 3673250.00 0.23105 465050.00
3673250.00 0.23180
465100.00 3673250.00 0.23248 465150.00

3673250.00 0.23470
465200.00 3673250.00 0.23767 463950.00
3673300.00 0.46231
464000.00 3673300.00 0.43266 464050.00
3673300.00 0.39614
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- -
- -
464100.00 3673300.00 0.36158 464150.00
3673300.00 0.33172
464200.00 3673300.00 0.30850 464250.00
3673300.00 0.29193
464300.00 3673300.00 0.28115 464350.00
3673300.00 0.27435
464400.00 3673300.00 0.26859 464450.00
3673300.00 0.26393
464500.00 3673300.00 0.26339 464550.00
3673300.00 0.26583
464600.00 3673300.00 0.27040 464650.00
3673300.00 0.26401
464700.00 3673300.00 0.26710 464750.00
3673300.00 0.26975

464800.00 3673300.00 0.27190 464850.00 3673300.00 0.27202
464900.00 3673300.00 0.27321 465050.00 3673300.00 0.27242
465100.00 3673300.00 0.27390 465150.00 3673300.00 0.27591
465200.00 3673300.00 0.27508 463900.00 3673350.00 0.60473
463950.00 3673350.00 0.56924 464000.00 3673350.00 0.52178
464050.00 3673350.00 0.47488 464100.00 3673350.00 0.43118
464150.00 3673350.00 0.39401 464200.00 3673350.00 0.36551
464250.00 3673350.00 0.34616 464300.00 3673350.00 0.33384
464350.00 3673350.00 0.32613 464400.00 3673350.00 0.31816
464450.00 3673350.00 0.31602 464500.00 3673350.00 0.31612
464550.00 3673350.00 0.32189 464600.00 3673350.00 0.31927
464650.00 3673350.00 0.32084 464700.00 3673350.00 0.32269
464750.00 3673350.00 0.32668 464800.00 3673350.00 0.32757
464850.00 3673350.00 0.32656 464900.00 3673350.00 0.32517
465100.00 3673350.00 0.32203 465150.00 3673350.00 0.31960
465200.00 3673350.00 0.31470 463850.00 3673400.00 0.80245
463900.00 3673400.00 0.75575 463950.00 3673400.00 0.70721
464000.00 3673400.00 0.64411 464050.00 3673400.00 0.58231
464100.00 3673400.00 0.52563 464150.00 3673400.00 0.47799
464200.00 3673400.00 0.44279 464250.00 3673400.00 0.41955
464300.00 3673400.00 0.40567 464350.00 3673400.00 0.39312
464400.00 3673400.00 0.38826 464450.00 3673400.00 0.38752
464500.00 3673400.00 0.39399 464550.00 3673400.00 0.39704
464600.00 3673400.00 0.39372 464650.00 3673400.00 0.39575

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         464700.00    3673400.00        0.40015                      464750.00
3673400.00        0.40142
         464800.00    3673400.00        0.39976                      464850.00
3673400.00        0.39596
         464900.00    3673400.00        0.39151                      465200.00
3673400.00        0.35672
         463850.00    3673450.00        1.01759                      463900.00
3673450.00        0.98136
         463950.00    3673450.00        0.90304                      464000.00
3673450.00        0.81842
         464050.00    3673450.00        0.73315                      464100.00
3673450.00        0.65797
         464150.00    3673450.00        0.59532                      464200.00
3673450.00        0.55066
         464250.00    3673450.00        0.52263                      464300.00
3673450.00        0.50538
         464350.00    3673450.00        0.49132                      464400.00
3673450.00        0.48943
```


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                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         464450.00    3673450.00        0.49285                      464500.00
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3673450.00 0.50069
464550.00 3673450.00 0.49831 464600.00
3673450.00 0.49824
464650.00 3673450.00 0.50259 464700.00
3673450.00 0.50572
464750.00 3673450.00 0.50330 464800.00
3673450.00 0.49573
464850.00 3673450.00 0.48498 464950.00
3673450.00 0.46759
465000.00 3673450.00 0.45662 463800.00
3673500.00 1.34676
463850.00 3673500.00 1.35516 463900.00
3673500.00 1.29136
463950.00 3673500.00 1.19287 464000.00
3673500.00 1.07469
464050.00 3673500.00 0.95925 464100.00
3673500.00 0.85151
464150.00 3673500.00 0.76633 464200.00
3673500.00 0.70802
464250.00 3673500.00 0.67244 464300.00
3673500.00 0.64208
464350.00 3673500.00 0.63714 464400.00
3673500.00 0.63867
464450.00 3673500.00 0.64920 464500.00
3673500.00 0.65092
464550.00 3673500.00 0.65009 464600.00
3673500.00 0.65346
464650.00 3673500.00 0.65543 464700.00
3673500.00 0.64584
464750.00 3673500.00 0.63590 464800.00
3673500.00 0.61498
465000.00 3673500.00 0.53187 465050.00
3673500.00 0.51057
463750.00 3673550.00 1.68189 463800.00
3673550.00 1.75293
463850.00 3673550.00 1.80609 463900.00
3673550.00 1.76184
463950.00 3673550.00 1.63813 464000.00
3673550.00 1.47975
464050.00 3673550.00 1.30531 464100.00
3673550.00 1.14995
464150.00 3673550.00 1.02872 464200.00
3673550.00 0.94901
464250.00 3673550.00 0.89896 464300.00
3673550.00 0.87103
464350.00 3673550.00 0.86422 464400.00
3673550.00 0.88095
464450.00 3673550.00 0.88828 464500.00

3673550.00 0.89218
464550.00 3673550.00 0.88711 464600.00
3673550.00 0.88243
464650.00 3673550.00 0.86463 464700.00
3673550.00 0.83250
464750.00 3673550.00 0.79457 464800.00
3673550.00 0.75412
464850.00 3673550.00 0.71093 464900.00
3673550.00 0.67502
464950.00 3673550.00 0.64772 465000.00
3673550.00 0.61513
465050.00 3673550.00 0.58562 465100.00
3673550.00 0.55729
463650.00 3673600.00 1.68397 463700.00
3673600.00 1.90002
463750.00 3673600.00 2.10652 463800.00
3673600.00 2.32439
463850.00 3673600.00 2.44324 463900.00
3673600.00 2.44879
463950.00 3673600.00 2.34768 464000.00
3673600.00 2.15617
464050.00 3673600.00 1.89125 464100.00
3673600.00 1.64381
464150.00 3673600.00 1.46088 464200.00
3673600.00 1.34652
464250.00 3673600.00 1.26530 464300.00
3673600.00 1.24595
464350.00 3673600.00 1.26646 464400.00
3673600.00 1.27120
464450.00 3673600.00 1.26846 464500.00
3673600.00 1.25968
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 143
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026

, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464550.00	3673600.00	1.24116	464600.00	3673600.00	1.19805
464650.00	3673600.00	1.13434	464700.00	3673600.00	1.05876
464750.00	3673600.00	0.98647	464800.00	3673600.00	0.91340
464850.00	3673600.00	0.84479	464900.00	3673600.00	0.79583
464950.00	3673600.00	0.75018	465000.00	3673600.00	0.70562
463600.00	3673650.00	1.54496	463650.00	3673650.00	1.85388
463700.00	3673650.00	2.21353	463750.00	3673650.00	2.58075
463800.00	3673650.00	2.98728	463850.00	3673650.00	3.35821
463900.00	3673650.00	3.57546	463950.00	3673650.00	3.64410
464000.00	3673650.00	3.39124	464050.00	3673650.00	2.96243
464100.00	3673650.00	2.54523	464150.00	3673650.00	2.24435
464200.00	3673650.00	2.03005	464250.00	3673650.00	1.97201
464300.00	3673650.00	1.96643	464350.00	3673650.00	1.96910
464400.00	3673650.00	1.94884	464450.00	3673650.00	1.90961
464500.00	3673650.00	1.83008	464550.00	3673650.00	1.73208
464600.00	3673650.00	1.60246	464650.00	3673650.00	1.46907
464700.00	3673650.00	1.33053	464750.00	3673650.00	1.20504
464800.00	3673650.00	1.08957	464850.00	3673650.00	1.00125

464900.00 3673650.00 0.93348 464950.00
3673650.00 0.87267
465200.00 3673650.00 0.62246 463600.00
3673700.00 1.50708
463650.00 3673700.00 1.88946 463700.00
3673700.00 2.38275
463750.00 3673700.00 2.96982 463800.00
3673700.00 3.77180
463950.00 3673700.00 6.06955 464000.00
3673700.00 5.95070
464050.00 3673700.00 5.24918 464100.00
3673700.00 4.45118
464150.00 3673700.00 3.85559 464200.00
3673700.00 3.57754
464250.00 3673700.00 3.50326 464300.00
3673700.00 3.47435
464350.00 3673700.00 3.35293 464400.00
3673700.00 3.16082
464450.00 3673700.00 2.90560 464500.00
3673700.00 2.65290
464550.00 3673700.00 2.37146 464600.00
3673700.00 2.10347
464650.00 3673700.00 1.84777 464700.00
3673700.00 1.63162
464750.00 3673700.00 1.44033 464800.00
3673700.00 1.28821
464850.00 3673700.00 1.17690 465200.00
3673700.00 0.68029
463650.00 3673750.00 1.74868 463700.00
3673750.00 2.29965
463750.00 3673750.00 3.10601 463800.00
3673750.00 4.18998
463900.00 3673750.00 7.92238 463950.00
3673750.00 10.58743
464000.00 3673750.00 12.24495 464050.00
3673750.00 11.47247
464100.00 3673750.00 9.68448 464150.00
3673750.00 8.64740
464200.00 3673750.00 7.84775 464250.00
3673750.00 7.35047
464300.00 3673750.00 6.74073 464350.00
3673750.00 5.92720
464400.00 3673750.00 5.10094 464450.00
3673750.00 4.32810

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF SO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464500.00    3673750.00        3.69164                      464550.00
3673750.00        3.13693
         464600.00    3673750.00        2.66241                      464650.00
3673750.00        2.26703
         464700.00    3673750.00        1.95145                      464750.00
3673750.00        1.71006
         465150.00    3673750.00        0.79813                      465200.00
3673750.00        0.73761
         463750.00    3673800.00        2.79721                      463800.00
3673800.00        4.02955
         463900.00    3673800.00        9.23419                      463950.00
3673800.00       16.78226
         464000.00    3673800.00       30.28869                      464050.00
3673800.00       38.34831
         464100.00    3673800.00       37.38523                      464150.00
3673800.00       28.71949
         464200.00    3673800.00       22.10637                      464300.00
3673800.00       13.24235
         464350.00    3673800.00       10.31776                      464400.00
3673800.00        7.84088
         464450.00    3673800.00        6.00441                      464500.00
3673800.00        4.88689
         464550.00    3673800.00        3.97344                      465100.00
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3673800.00	0.93771				
465150.00	3673800.00	0.85920	465200.00	3673800.00	0.79170
463900.00	3673850.00	8.41564	463950.00	3673850.00	16.91353
464000.00	3673850.00	47.19671	464200.00	3673850.00	74.86142
464750.00	3673850.00	2.24470	464800.00	3673850.00	1.94945
465100.00	3673850.00	0.99830	465150.00	3673850.00	0.91224
465200.00	3673850.00	0.83797	463950.00	3673900.00	12.35412
464000.00	3673900.00	42.20023	464200.00	3673900.00	134.56826
464650.00	3673900.00	3.42387	464700.00	3673900.00	2.86171
464750.00	3673900.00	2.43213	465100.00	3673900.00	1.04442
465150.00	3673900.00	0.95174	465200.00	3673900.00	0.87270
463500.00	3673950.00	0.44329	464000.00	3673950.00	18.09441
464200.00	3673950.00	103.11626	464550.00	3673950.00	5.36361
464600.00	3673950.00	4.29902	464650.00	3673950.00	3.54564
464700.00	3673950.00	2.96136	465100.00	3673950.00	1.07029
465150.00	3673950.00	0.97365	465200.00	3673950.00	0.89101
463450.00	3674000.00	0.33316	463500.00	3674000.00	0.38275
463550.00	3674000.00	0.44825	463600.00	3674000.00	0.53610
464050.00	3674000.00	22.05089	464100.00	3674000.00	35.91177
464150.00	3674000.00	43.05713	464200.00	3674000.00	38.82006
464550.00	3674000.00	5.04783	464600.00	3674000.00	4.13380
464650.00	3674000.00	3.43713	465100.00	3674000.00	1.07247
465150.00	3674000.00	0.97493	465200.00	3674000.00	0.89298
463400.00	3674050.00	0.26275	463450.00	3674050.00	0.29673
463500.00	3674050.00	0.34046	463550.00		

3674050.00 0.39637
463600.00 3674050.00 0.46898 463650.00
3674050.00 0.56723
464150.00 3674050.00 16.79256 464500.00
3674050.00 5.36666
464550.00 3674050.00 4.41957 464600.00
3674050.00 3.72646
465100.00 3674050.00 1.05602 465150.00
3674050.00 0.96226
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 145
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- -
- -
465200.00 3674050.00 0.88104 463400.00
3674100.00 0.23942
463550.00 3674100.00 0.35799 463600.00
3674100.00 0.42124
463650.00 3674100.00 0.50426 463700.00
3674100.00 0.61550
464500.00 3674100.00 4.07080 464550.00
3674100.00 3.61461
465100.00 3674100.00 1.02578 465150.00
3674100.00 0.93891

465200.00 3674100.00 0.85854 463350.00 3674150.00 0.19879
463500.00 3674150.00 0.28409 463550.00 3674150.00 0.32782
463600.00 3674150.00 0.38345 463700.00 3674150.00 0.54885
464500.00 3674150.00 3.06599 464550.00 3674150.00 2.81559
465100.00 3674150.00 0.99718 465150.00 3674150.00 0.90714
465200.00 3674150.00 0.83840 463300.00 3674200.00 0.16860
463450.00 3674200.00 0.23226 463500.00 3674200.00 0.26375
463550.00 3674200.00 0.30281 463600.00 3674200.00 0.35168
463650.00 3674200.00 0.41330 463700.00 3674200.00 0.49164
464450.00 3674200.00 2.55469 464500.00 3674200.00 2.31746
465200.00 3674200.00 0.80736 463300.00 3674250.00 0.15877
463400.00 3674250.00 0.19451 463450.00 3674250.00 0.21872
463500.00 3674250.00 0.24718 463550.00 3674250.00 0.28215
465100.00 3674250.00 0.87705 465150.00 3674250.00 0.81833
465200.00 3674250.00 0.76533 463350.00 3674300.00 0.16613
463400.00 3674300.00 0.18497 463450.00 3674300.00 0.20886
463500.00 3674300.00 0.23479 463550.00 3674300.00 0.26582
463700.00 3674300.00 0.40390 463800.00 3674300.00 0.55422
463850.00 3674300.00 0.66322 463900.00 3674300.00 0.80696
463950.00 3674300.00 0.99098 464000.00 3674300.00 1.20674
465150.00 3674300.00 0.75888 465200.00 3674300.00 0.71690
463300.00 3674350.00 0.14424 463350.00 3674350.00 0.15898
463400.00 3674350.00 0.17810 463450.00 3674350.00 0.19807
463500.00 3674350.00 0.22179 463550.00 3674350.00 0.24982

463600.00 3674350.00 0.28270 463650.00
3674350.00 0.32097
463700.00 3674350.00 0.36631 463750.00
3674350.00 0.42062
463800.00 3674350.00 0.48839 463850.00
3674350.00 0.57523
463900.00 3674350.00 0.68651 465050.00
3674350.00 0.75267
465100.00 3674350.00 0.72221 465150.00
3674350.00 0.69105
465200.00 3674350.00 0.66213 463300.00
3674400.00 0.13875
463350.00 3674400.00 0.15414 463400.00
3674400.00 0.16965
463450.00 3674400.00 0.18788 463500.00
3674400.00 0.20901
463550.00 3674400.00 0.23330 463600.00
3674400.00 0.26137
463700.00 3674400.00 0.33025 463750.00
3674400.00 0.37455
463800.00 3674400.00 0.43013 463850.00
3674400.00 0.50091
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 146
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)

```
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         463900.00    3674400.00        0.58549                            463950.00
3674400.00        0.68117
         464150.00    3674400.00        1.09160                            465050.00
3674400.00        0.66380
         465100.00    3674400.00        0.64337                            465150.00
3674400.00        0.62271
         465200.00    3674400.00        0.60256                            463250.00
3674450.00        0.12274
         463300.00    3674450.00        0.13525                            463350.00
3674450.00        0.14772
         463400.00    3674450.00        0.16195                            463450.00
3674450.00        0.17836
         463500.00    3674450.00        0.19686                            463550.00
3674450.00        0.21792
         463600.00    3674450.00        0.24160                            463750.00
3674450.00        0.33459
         463800.00    3674450.00        0.38193                            463850.00
3674450.00        0.44011
         463900.00    3674450.00        0.50386                            463950.00
3674450.00        0.57840
         464100.00    3674450.00        0.79959                            464150.00
3674450.00        0.85544
         464200.00    3674450.00        0.87724                            465050.00
3674450.00        0.58344
         465100.00    3674450.00        0.56965                            465150.00
3674450.00        0.55647
         465200.00    3674450.00        0.54273                            463200.00
3674500.00        0.10945
         463250.00    3674500.00        0.11852                            463300.00
3674500.00        0.13035
         463350.00    3674500.00        0.14161                            463400.00
3674500.00        0.15457
         463450.00    3674500.00        0.16927                            463500.00
3674500.00        0.18556
         463550.00    3674500.00        0.20334                            463800.00
3674500.00        0.34140
         463850.00    3674500.00        0.38960                            463900.00
3674500.00        0.43912
         464100.00    3674500.00        0.67297                            464150.00
3674500.00        0.71423
         464200.00    3674500.00        0.72203                            464250.00
3674500.00        0.72024
         463000.00    3674550.00        0.08182                            463050.00
3674550.00        0.08688
         463100.00    3674550.00        0.09235                            463200.00
```

3674550.00 0.10607
463250.00 3674550.00 0.11497 463300.00
3674550.00 0.12549
463350.00 3674550.00 0.13586 463400.00
3674550.00 0.14752
463450.00 3674550.00 0.16048 463500.00
3674550.00 0.17455
463550.00 3674550.00 0.18947 463600.00
3674550.00 0.20577
463900.00 3674550.00 0.38698 464050.00
3674550.00 0.52420
464100.00 3674550.00 0.56986 464150.00
3674550.00 0.60127
464200.00 3674550.00 0.60501 464250.00
3674550.00 0.60083
464300.00 3674550.00 0.60229 464950.00
3674550.00 0.49459
465000.00 3674550.00 0.47910 465050.00
3674550.00 0.45733
465100.00 3674550.00 0.45137 463000.00
3674600.00 0.07950
463050.00 3674600.00 0.08444 463200.00
3674600.00 0.10285
463250.00 3674600.00 0.11103 463300.00
3674600.00 0.12082
463350.00 3674600.00 0.13014 463400.00
3674600.00 0.14049
463450.00 3674600.00 0.15180 463500.00
3674600.00 0.16370
463550.00 3674600.00 0.17627 463600.00
3674600.00 0.19001
464050.00 3674600.00 0.45254 464100.00
3674600.00 0.49164
464150.00 3674600.00 0.51427 464200.00
3674600.00 0.51683
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** *** *** 13:42:44

PAGE 147
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010

, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464250.00	3674600.00	0.51175	464300.00	3674600.00	0.51202
464350.00	3674600.00	0.52009	464900.00	3674600.00	0.43958
464950.00	3674600.00	0.43209	465000.00	3674600.00	0.41313
465050.00	3674600.00	0.39404	465100.00	3674600.00	0.39021
463000.00	3674650.00	0.07773	463050.00	3674650.00	0.08246
463100.00	3674650.00	0.08767	463200.00	3674650.00	0.09973
463250.00	3674650.00	0.10740	463300.00	3674650.00	0.11530
463350.00	3674650.00	0.12472	463400.00	3674650.00	0.13383
463450.00	3674650.00	0.14358	463500.00	3674650.00	0.15346
463550.00	3674650.00	0.16413	463600.00	3674650.00	0.17577
464000.00	3674650.00	0.36051	464050.00	3674650.00	0.39629
464100.00	3674650.00	0.42734	464150.00	3674650.00	0.44694
464200.00	3674650.00	0.44885	464250.00	3674650.00	0.44468
464300.00	3674650.00	0.44177	464350.00	3674650.00	0.44762
464900.00	3674650.00	0.39127	464950.00	3674650.00	0.37995
465000.00	3674650.00	0.36734	465050.00	3674650.00	0.35267

465100.00 3674650.00 0.34802 465200.00 3674650.00 0.34033
463000.00 3674700.00 0.07606 463050.00 3674700.00 0.08054
463100.00 3674700.00 0.08545 463200.00 3674700.00 0.09672
463250.00 3674700.00 0.10388 463300.00 3674700.00 0.11167
463350.00 3674700.00 0.11941 463400.00 3674700.00 0.12736
463450.00 3674700.00 0.13549 463500.00 3674700.00 0.14375
463550.00 3674700.00 0.15268 463600.00 3674700.00 0.16308
464050.00 3674700.00 0.34978 464100.00 3674700.00 0.37634
464150.00 3674700.00 0.39042 464200.00 3674700.00 0.39400
464250.00 3674700.00 0.39164 464300.00 3674700.00 0.39297
464350.00 3674700.00 0.39333 464950.00 3674700.00 0.34280
465000.00 3674700.00 0.33216 465050.00 3674700.00 0.31946
465100.00 3674700.00 0.31192 465150.00 3674700.00 0.30760
465200.00 3674700.00 0.30508 463000.00 3674750.00 0.07443
463050.00 3674750.00 0.07866 463100.00 3674750.00 0.08329
463200.00 3674750.00 0.09381 463250.00 3674750.00 0.10138
463300.00 3674750.00 0.10787 463350.00 3674750.00 0.11423
463400.00 3674750.00 0.12089 463450.00 3674750.00 0.12772
463500.00 3674750.00 0.13472 463550.00 3674750.00 0.14263
463600.00 3674750.00 0.15195 464100.00 3674750.00 0.33271
464150.00 3674750.00 0.34557 464200.00 3674750.00 0.34931
464250.00 3674750.00 0.34962 464300.00 3674750.00 0.35170
464350.00 3674750.00 0.35264 465000.00 3674750.00 0.30282
465050.00 3674750.00 0.29353 465100.00 3674750.00 0.28548

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465150.00	3674750.00	0.27993	465200.00	3674750.00	0.27594
463000.00	3674800.00	0.07303	463050.00	3674800.00	0.07697
463100.00	3674800.00	0.08140	463150.00	3674800.00	0.08591
463200.00	3674800.00	0.09097	463250.00	3674800.00	0.09685
463300.00	3674800.00	0.10362	463350.00	3674800.00	0.10912
463400.00	3674800.00	0.11455	463450.00	3674800.00	0.12028
463500.00	3674800.00	0.12643	463550.00	3674800.00	0.13346
464150.00	3674800.00	0.30666	464200.00	3674800.00	0.31370
464250.00	3674800.00	0.31457	464400.00	3674800.00	0.34217
464450.00	3674800.00	0.34887	464500.00		

465100.00	3674800.00	0.35839	465150.00	3674800.00	0.26548
465200.00	3674800.00	0.25666	463000.00	3674850.00	0.25294
463050.00	3674850.00	0.07148	463100.00	3674850.00	0.07529
463150.00	3674850.00	0.07917	463200.00	3674850.00	0.08355
463250.00	3674850.00	0.08815	463300.00	3674850.00	0.09314
463350.00	3674850.00	0.09935	463400.00	3674850.00	0.10396
463450.00	3674850.00	0.10854	463500.00	3674850.00	0.11331
463550.00	3674850.00	0.11880	464200.00	3674850.00	0.12541
464250.00	3674850.00	0.28282	464300.00	3674850.00	0.29190
464350.00	3674850.00	0.30824	464400.00	3674850.00	0.30570
464450.00	3674850.00	0.30616	464500.00	3674850.00	0.31070
465150.00	3674850.00	0.31849	465200.00	3674850.00	0.24179
463000.00	3674900.00	0.23413	463050.00	3674900.00	0.07023
463100.00	3674900.00	0.07356	463150.00	3674900.00	0.07719
463200.00	3674900.00	0.08120	463250.00	3674900.00	0.08529
463300.00	3674900.00	0.08944	463350.00	3674900.00	0.09482
463400.00	3674900.00	0.09883	463450.00	3674900.00	0.10285
463500.00	3674900.00	0.10695	463550.00	3674900.00	0.11193
464300.00	3674900.00	0.11824	464350.00	3674900.00	0.28040
464400.00	3674900.00	0.27724	464450.00	3674900.00	0.27662
464500.00	3674900.00	0.27444	464550.00	3674900.00	0.27426
464600.00	3674900.00	0.27964	464650.00	3674900.00	0.29022
463000.00	3674950.00	0.30170	463050.00	3674950.00	0.06892
463100.00	3674950.00	0.07222	463150.00		

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3674950.00        0.07882
         463200.00    3674950.00        0.08238                      463250.00
3674950.00        0.08605
         463300.00    3674950.00        0.09020                      463350.00
3674950.00        0.09385
         463400.00    3674950.00        0.09733                      463450.00
3674950.00        0.10111
         463500.00    3674950.00        0.10591                      463550.00
3674950.00        0.11200
         464100.00    3674950.00        0.21985                      464150.00
3674950.00        0.22966
         464400.00    3674950.00        0.25115                      464450.00
3674950.00        0.23647
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                          PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                      *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                          INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                  L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                  L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                  L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         464500.00    3674950.00        0.24251                      464550.00
3674950.00        0.24979
         464600.00    3674950.00        0.25735                      464650.00
3674950.00        0.26001
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464300.00	3672750.00	42.88924	464350.00	3672750.00	43.06725
464400.00	3672750.00	39.32936	464450.00	3672750.00	36.60375
464500.00	3672750.00	37.15036	464550.00	3672750.00	43.42570
464600.00	3672750.00	48.42423	464650.00	3672750.00	51.21220
464700.00	3672750.00	51.78856	464750.00	3672750.00	50.86237
464800.00	3672750.00	50.88334	464850.00	3672750.00	48.50491
464900.00	3672750.00	44.68468	464950.00	3672750.00	42.39565
465000.00	3672750.00	35.62996	465050.00	3672750.00	32.78447
465100.00	3672750.00	30.29422	465150.00	3672750.00	27.00096
465200.00	3672750.00	26.76895	464300.00	3672800.00	44.76755
464350.00	3672800.00	44.33349	464400.00		

3672800.00 39.59326
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3672800.00 41.87781
464550.00 3672800.00 48.13045 464600.00
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464650.00 3672800.00 54.35789 464700.00
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464750.00 3672800.00 53.80634 464800.00
3672800.00 52.31479
464850.00 3672800.00 48.44070 464900.00
3672800.00 50.43245
464950.00 3672800.00 43.79535 465000.00
3672800.00 38.20813
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3672800.00 29.45619
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3672800.00 28.92218
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3672850.00 48.10404
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3672850.00 40.81068
464450.00 3672850.00 40.69234 464500.00
3672850.00 47.06566
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464950.00 3672850.00 44.59456 465000.00
3672850.00 36.19453
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465150.00 3672850.00 30.77434 465200.00
3672850.00 31.60470
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3672900.00 45.00290
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3672900.00 58.00101
464600.00 3672900.00 60.20645 464650.00
3672900.00 59.50767
464700.00 3672900.00 59.35520 464750.00
3672900.00 56.82574
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3672900.00 48.29800
464900.00 3672900.00 47.99093 464950.00

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3672900.00       41.34382
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3672900.00       31.55205
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3672900.00       33.38544
         465200.00    3672900.00       32.87298                             464150.00
3672950.00       83.91795
         464200.00    3672950.00       57.15658                             464350.00
3672950.00       47.10271
         464400.00    3672950.00       45.93525                             464450.00
3672950.00       51.20594
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                          X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         464500.00    3672950.00       58.58568                             464550.00
3672950.00       64.20840
         464600.00    3672950.00       63.88503                             464650.00
3672950.00       62.82779
         464700.00    3672950.00       61.52452                             464750.00
3672950.00       57.28923
         464800.00    3672950.00       51.22290                             464850.00
3672950.00       49.67170
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464900.00 3672950.00 46.16549 464950.00 3672950.00 38.94400
465000.00 3672950.00 33.24616 465050.00 3672950.00 34.17991
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465200.00 3672950.00 35.65646 464150.00 3673000.00 87.45938
464200.00 3673000.00 62.54704 464250.00 3673000.00 55.63278
464300.00 3673000.00 53.91966 464350.00 3673000.00 48.08080
464400.00 3673000.00 49.23901 464450.00 3673000.00 58.06679
464500.00 3673000.00 64.77603 464550.00 3673000.00 67.53926
464600.00 3673000.00 66.09336 464650.00 3673000.00 65.76862
464700.00 3673000.00 62.90297 464750.00 3673000.00 55.84148
464800.00 3673000.00 53.34232 464850.00 3673000.00 51.86785
464900.00 3673000.00 43.27697 464950.00 3673000.00 36.28005
465000.00 3673000.00 36.45209 465050.00 3673000.00 36.74721
465100.00 3673000.00 36.17904 465150.00 3673000.00 37.19176
465200.00 3673000.00 36.74196 464100.00 3673050.00 122.33400
464150.00 3673050.00 94.51107 464200.00 3673050.00 66.31094
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464350.00 3673050.00 52.06129 464400.00 3673050.00 56.04081
464450.00 3673050.00 65.51919 464500.00 3673050.00 70.90334
464550.00 3673050.00 71.66641 464600.00 3673050.00 70.87754
464650.00 3673050.00 68.21903 464700.00 3673050.00 64.66266
464750.00 3673050.00 53.81838 464800.00 3673050.00 56.25780
464850.00 3673050.00 48.50638 464900.00 3673050.00 40.14987
464950.00 3673050.00 38.88759 465000.00 3673050.00 38.99924

465050.00 3673050.00 38.04698 465100.00
3673050.00 38.81895
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3673050.00 35.64305
464050.00 3673100.00 150.69391 464100.00
3673100.00 128.66171
464150.00 3673100.00 101.15937 464200.00
3673100.00 71.09035
464250.00 3673100.00 63.60482 464300.00
3673100.00 58.21484
464350.00 3673100.00 56.55175 464400.00
3673100.00 64.64848
464450.00 3673100.00 73.30301 464500.00
3673100.00 76.48842
464550.00 3673100.00 75.53597 464600.00
3673100.00 74.38529
464650.00 3673100.00 68.39135 464700.00
3673100.00 60.81379
464750.00 3673100.00 58.76571 464800.00
3673100.00 54.73866
464850.00 3673100.00 44.76743 464900.00
3673100.00 41.48403
464950.00 3673100.00 41.82994 465000.00
3673100.00 40.09178
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465050.00	3673100.00	40.52577	465100.00	3673100.00	39.18879
465150.00	3673100.00	36.28619	465200.00	3673100.00	32.64445
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464150.00	3673150.00	105.29251	464200.00	3673150.00	75.88482
464250.00	3673150.00	68.39048	464300.00	3673150.00	61.32137
464350.00	3673150.00	62.04567	464400.00	3673150.00	74.13443
464450.00	3673150.00	81.04656	464500.00	3673150.00	81.87752
464550.00	3673150.00	80.94180	464600.00	3673150.00	75.86668
464650.00	3673150.00	67.73335	464700.00	3673150.00	58.85611
464750.00	3673150.00	59.57156	464800.00	3673150.00	50.34444
464850.00	3673150.00	44.08604	464900.00	3673150.00	44.17996
464950.00	3673150.00	42.47849	465000.00	3673150.00	42.35144
465050.00	3673150.00	40.40161	465100.00	3673150.00	36.83372
465150.00	3673150.00	33.82136	465200.00	3673150.00	40.20397
464000.00	3673200.00	170.48473	464050.00	3673200.00	175.13286
464100.00	3673200.00	150.65552	464150.00	3673200.00	110.62276
464200.00	3673200.00	81.47257	464250.00	3673200.00	73.70260
464300.00	3673200.00	67.03804	464350.00	3673200.00	73.00064
464400.00	3673200.00	84.11809	464450.00	3673200.00	88.20614
464500.00	3673200.00	88.01802	464550.00	3673200.00	84.42428
464600.00	3673200.00	75.08947	464650.00	3673200.00	63.55729
464700.00	3673200.00	66.57536	464750.00		

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3673200.00 47.70342
464900.00 3673200.00 45.02231 464950.00
3673200.00 44.38180
465000.00 3673200.00 41.79234 465050.00
3673200.00 37.36217
465100.00 3673200.00 38.54509 465150.00
3673200.00 51.48626
465200.00 3673200.00 70.33204 463950.00
3673250.00 201.43767
464000.00 3673250.00 181.69073 464050.00
3673250.00 187.65485
464100.00 3673250.00 160.71165 464150.00
3673250.00 116.82354
464200.00 3673250.00 88.19155 464250.00
3673250.00 79.32153
464300.00 3673250.00 73.93318 464350.00
3673250.00 85.19876
464400.00 3673250.00 94.24781 464450.00
3673250.00 95.32434
464500.00 3673250.00 93.54108 464550.00
3673250.00 85.81135
464600.00 3673250.00 89.09213 464650.00
3673250.00 71.88811
464700.00 3673250.00 65.25876 464750.00
3673250.00 54.72768
464800.00 3673250.00 52.16229 464850.00
3673250.00 48.58534
464900.00 3673250.00 46.88668 465050.00
3673250.00 54.28705
465100.00 3673250.00 69.02521 465150.00
3673250.00 86.50103
465200.00 3673250.00 105.27758 463950.00
3673300.00 223.99121
464000.00 3673300.00 200.86621 464050.00
3673300.00 201.57519

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         464100.00    3673300.00      172.36555                        464150.00
3673300.00      125.05673
         464200.00    3673300.00       96.00138                        464250.00
3673300.00       85.95488
         464300.00    3673300.00       84.32661                        464350.00
3673300.00       98.68977
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3673300.00      103.67401
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3673300.00       82.76873
         464600.00    3673300.00       66.59223                        464650.00
3673300.00       75.70685
         464700.00    3673300.00       62.23695                        464750.00
3673300.00       56.16160
         464800.00    3673300.00       52.44083                        464850.00
3673300.00       49.63095
         464900.00    3673300.00       44.74320                        465050.00
3673300.00       88.96886
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3673300.00      123.98188
         465200.00    3673300.00      128.75086                        463900.00
3673350.00      257.99447
         463950.00    3673350.00      262.12968                        464000.00
3673350.00      231.48980
         464050.00    3673350.00      219.05817                        464100.00
3673350.00      186.35514
         464150.00    3673350.00      138.53775                        464200.00
3673350.00      105.30575
         464250.00    3673350.00       97.82669                        464300.00
3673350.00      100.63529
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464350.00 3673350.00 113.09689 464400.00 3673350.00 117.33090
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465200.00 3673350.00 126.25968 463850.00 3673400.00 319.23677
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464400.00 3673400.00 129.62823 464450.00 3673400.00 114.05097
464500.00 3673400.00 91.98973 464550.00 3673400.00 76.03028
464600.00 3673400.00 82.38414 464650.00 3673400.00 71.07130
464700.00 3673400.00 63.51144 464750.00 3673400.00 66.14706
464800.00 3673400.00 82.24699 464850.00 3673400.00 102.99012
464900.00 3673400.00 120.52209 465200.00 3673400.00 102.75914
463850.00 3673450.00 359.81737 463900.00 3673450.00 403.32354
463950.00 3673450.00 362.41131 464000.00 3673450.00 322.29786
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464250.00 3673450.00 134.83190 464300.00 3673450.00 147.27270

464350.00 3673450.00 153.70018 464400.00 3673450.00 137.89530
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
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464650.00	3673450.00	71.25274	464700.00	3673450.00	92.42525
464750.00	3673450.00	117.81999	464800.00	3673450.00	142.55212
464850.00	3673450.00	155.78239	464950.00	3673450.00	163.70102
465000.00	3673450.00	151.53561	463800.00	3673500.00	376.62059
463850.00	3673500.00	430.85997	463900.00	3673500.00	479.14002
463950.00	3673500.00	458.05910	464000.00	3673500.00	383.83667
464050.00	3673500.00	325.34301	464100.00		

3673500.00 250.32928
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3673500.00 182.21992
464350.00 3673500.00 171.19687 464400.00
3673500.00 141.29098
464450.00 3673500.00 108.77232 464500.00
3673500.00 101.06204
464550.00 3673500.00 92.95453 464600.00
3673500.00 100.43694
464650.00 3673500.00 128.93182 464700.00
3673500.00 160.15526
464750.00 3673500.00 189.78778 464800.00
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3673500.00 95.57850
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3673550.00 393.68496
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3673550.00 559.24358
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3673550.00 291.16128
464150.00 3673550.00 233.57964 464200.00
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464250.00 3673550.00 213.52244 464300.00
3673550.00 215.88645
464350.00 3673550.00 182.42073 464400.00
3673550.00 137.77240
464450.00 3673550.00 117.32770 464500.00
3673550.00 117.90370
464550.00 3673550.00 145.87172 464600.00
3673550.00 181.49791
464650.00 3673550.00 219.83349 464700.00
3673550.00 234.00246
464750.00 3673550.00 222.62434 464800.00
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464950.00 3673550.00 101.69765 465000.00
3673550.00 85.46497
465050.00 3673550.00 83.78306 465100.00
3673550.00 81.25677
463650.00 3673600.00 294.96450 463700.00
3673600.00 306.24909
463750.00 3673600.00 324.94008 463800.00

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3673600.00      436.14660
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3673600.00      606.59803
         463950.00    3673600.00      696.44766                      464000.00
3673600.00      666.49774
         464050.00    3673600.00      512.14474                      464100.00
3673600.00      378.16815
         464150.00    3673600.00      280.51500                      464200.00
3673600.00      271.93923
         464250.00    3673600.00      274.23065                      464300.00
3673600.00      242.90230
         464350.00    3673600.00      184.30797                      464400.00
3673600.00      154.50253
         464450.00    3673600.00      169.64446                      464500.00
3673600.00      208.81141
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         464550.00    3673600.00      252.62178                      464600.00
3673600.00      282.96992
         464650.00    3673600.00      277.62748                      464700.00
3673600.00      239.61748
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464750.00 3673600.00 190.50564 464800.00 3673600.00 138.70117
464850.00 3673600.00 103.71156 464900.00 3673600.00 95.54334
464950.00 3673600.00 92.51413 465000.00 3673600.00 89.86987
463600.00 3673650.00 317.74919 463650.00 3673650.00 347.36834
463700.00 3673650.00 375.68485 463750.00 3673650.00 395.50345
463800.00 3673650.00 429.51104 463850.00 3673650.00 558.04765
463900.00 3673650.00 690.58020 463950.00 3673650.00 873.19693
464000.00 3673650.00 926.03993 464050.00 3673650.00 684.91391
464100.00 3673650.00 511.39938 464150.00 3673650.00 385.04235
464200.00 3673650.00 362.32593 464250.00 3673650.00 334.17125
464300.00 3673650.00 258.15627 464350.00 3673650.00 238.61591
464400.00 3673650.00 255.33296 464450.00 3673650.00 296.27485
464500.00 3673650.00 332.96360 464550.00 3673650.00 340.11726
464600.00 3673650.00 301.91056 464650.00 3673650.00 241.03266
464700.00 3673650.00 174.26919 464750.00 3673650.00 128.38947
464800.00 3673650.00 107.49169 464850.00 3673650.00 103.02808
464900.00 3673650.00 99.53714 464950.00 3673650.00 95.18779
465200.00 3673650.00 71.25629 463600.00 3673700.00 304.09619
463650.00 3673700.00 366.38733 463700.00 3673700.00 436.21948
463750.00 3673700.00 472.90437 463800.00 3673700.00 563.81234
463950.00 3673700.00 1082.98285 464000.00 3673700.00 1307.64306
464050.00 3673700.00 1054.22479 464100.00 3673700.00 730.41368
464150.00 3673700.00 550.64617 464200.00 3673700.00 475.25292
464250.00 3673700.00 406.65307 464300.00 3673700.00 387.06938

464350.00 3673700.00 406.24140 464400.00
3673700.00 421.02111
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3673700.00 377.53726
464550.00 3673700.00 298.76914 464600.00
3673700.00 221.07928
464650.00 3673700.00 158.14436 464700.00
3673700.00 123.05653
464750.00 3673700.00 115.60628 464800.00
3673700.00 109.11018
464850.00 3673700.00 102.03283 465200.00
3673700.00 65.77374
463650.00 3673750.00 343.54347 463700.00
3673750.00 401.43871
463750.00 3673750.00 518.21911 463800.00
3673750.00 632.94503
463900.00 3673750.00 930.50934 463950.00
3673750.00 1281.03062
464000.00 3673750.00 1840.21421 464050.00
3673750.00 1776.04352
464100.00 3673750.00 1147.23101 464150.00
3673750.00 813.36463
464200.00 3673750.00 712.81155 464250.00
3673750.00 630.77892
464300.00 3673750.00 618.51177 464350.00
3673750.00 589.80384
464400.00 3673750.00 500.09292 464450.00
3673750.00 375.40787
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 156
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464500.00	3673750.00	269.48129	464550.00	3673750.00	190.50856
464600.00	3673750.00	142.40504	464650.00	3673750.00	132.53421
464700.00	3673750.00	121.63217	464750.00	3673750.00	110.73945
465150.00	3673750.00	69.03513	465200.00	3673750.00	66.28019
463750.00	3673800.00	527.03183	463800.00	3673800.00	650.30352
463900.00	3673800.00	976.75015	463950.00	3673800.00	1619.12008
464000.00	3673800.00	2477.96234	464050.00	3673800.00	3093.47081
464100.00	3673800.00	1976.82737	464150.00	3673800.00	1324.57555
464200.00	3673800.00	1117.91656	464300.00	3673800.00	766.30515
464350.00	3673800.00	555.90593	464400.00	3673800.00	368.74593
464450.00	3673800.00	221.49066	464500.00	3673800.00	184.24503
464550.00	3673800.00	158.11994	465100.00	3673800.00	66.13979
465150.00	3673800.00	62.74445	465200.00	3673800.00	59.85057
463900.00	3673850.00	1022.96528	463950.00	3673850.00	1503.34213
464000.00	3673850.00	2656.77239	464200.00	3673850.00	1585.81475
464750.00	3673850.00	89.03511	464800.00	3673850.00	83.31538
465100.00	3673850.00	61.02356	465150.00	3673850.00	59.20080
465200.00	3673850.00	57.49109	463950.00	3673900.00	1246.81703
464000.00	3673900.00	2614.18382	464200.00	3673900.00	1551.94353
464650.00	3673900.00	127.28552	464700.00		

3673900.00 112.70743
464750.00 3673900.00 100.87779 465100.00
3673900.00 66.15764
465150.00 3673900.00 63.53609 465200.00
3673900.00 61.11904
463500.00 3673950.00 157.91458 464000.00
3673950.00 1765.20800
464200.00 3673950.00 1679.65338 464550.00
3673950.00 162.15325
464600.00 3673950.00 144.37709 464650.00
3673950.00 131.12446
464700.00 3673950.00 120.59632 465100.00
3673950.00 74.10956
465150.00 3673950.00 70.77347 465200.00
3673950.00 67.67800
463450.00 3674000.00 120.63418 463500.00
3674000.00 132.05812
463550.00 3674000.00 149.36792 463600.00
3674000.00 171.72058
464050.00 3674000.00 1434.29776 464100.00
3674000.00 1157.54375
464150.00 3674000.00 1160.09275 464200.00
3674000.00 954.92096
464550.00 3674000.00 186.00548 464600.00
3674000.00 149.49687
464650.00 3674000.00 124.32617 465100.00
3674000.00 82.72416
465150.00 3674000.00 79.56118 465200.00
3674000.00 76.52392
463400.00 3674050.00 106.44361 463450.00
3674050.00 115.72979
463500.00 3674050.00 127.30510 463550.00
3674050.00 140.07206
463600.00 3674050.00 153.34484 463650.00
3674050.00 173.45727
464150.00 3674050.00 800.41148 464500.00
3674050.00 308.51921
464550.00 3674050.00 260.82841 464600.00
3674050.00 209.83576
465100.00 3674050.00 82.24072 465150.00
3674050.00 80.01808

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465200.00	3674050.00	77.70972	463400.00	3674100.00	98.08663
463550.00	3674100.00	129.36643	463600.00	3674100.00	163.04301
463650.00	3674100.00	207.90447	463700.00	3674100.00	265.25398
464500.00	3674100.00	380.74889	464550.00	3674100.00	306.86026
465100.00	3674100.00	72.65761	465150.00	3674100.00	72.61157
465200.00	3674100.00	72.22049	463350.00	3674150.00	81.25794
463500.00	3674150.00	122.85231	463550.00	3674150.00	151.35339
463600.00	3674150.00	187.24060	463700.00	3674150.00	274.12183
464500.00	3674150.00	338.20596	464550.00	3674150.00	340.32827
465100.00	3674150.00	69.13501	465150.00	3674150.00	64.74393
465200.00	3674150.00	61.51117	463300.00	3674200.00	71.61133
463450.00	3674200.00	115.26279	463500.00	3674200.00	139.13663
463550.00	3674200.00	167.78424	463600.00	3674200.00	199.60050

463650.00 3674200.00 230.17944 463700.00 3674200.00 258.43605
464450.00 3674200.00 147.74592 464500.00 3674200.00 203.82279
465200.00 3674200.00 65.70492 463300.00 3674250.00 77.37737
463400.00 3674250.00 107.50364 463450.00 3674250.00 129.16099
463500.00 3674250.00 152.18555 463550.00 3674250.00 176.70533
465100.00 3674250.00 100.10835 465150.00 3674250.00 88.99348
465200.00 3674250.00 80.43397 463350.00 3674300.00 99.97584
463400.00 3674300.00 118.79756 463450.00 3674300.00 144.00891
463500.00 3674300.00 163.55145 463550.00 3674300.00 179.21026
463700.00 3674300.00 253.71758 463800.00 3674300.00 255.94198
463850.00 3674300.00 215.08720 463900.00 3674300.00 177.90374
463950.00 3674300.00 145.77681 464000.00 3674300.00 128.21716
465150.00 3674300.00 105.86904 465200.00 3674300.00 95.79041
463300.00 3674350.00 92.94391 463350.00 3674350.00 108.55603
463400.00 3674350.00 130.39187 463450.00 3674350.00 146.40524
463500.00 3674350.00 161.39442 463550.00 3674350.00 180.20100
463600.00 3674350.00 200.88665 463650.00 3674350.00 224.09412
463700.00 3674350.00 238.37550 463750.00 3674350.00 234.56313
463800.00 3674350.00 207.78633 463850.00 3674350.00 166.77632
463900.00 3674350.00 144.68504 465050.00 3674350.00 138.52641
465100.00 3674350.00 123.81245 465150.00 3674350.00 114.13734
465200.00 3674350.00 105.75251 463300.00 3674400.00 99.48545
463350.00 3674400.00 117.56158 463400.00 3674400.00 129.78909
463450.00 3674400.00 142.46369 463500.00 3674400.00 156.77752

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         463550.00    3674400.00      174.10064                      463600.00
3674400.00      193.66970
         463700.00    3674400.00      205.66039                      463750.00
3674400.00      189.02495
         463800.00    3674400.00      155.81505                      463850.00
3674400.00      134.68872
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         463900.00    3674400.00      114.39218                      463950.00
3674400.00      100.52622
         464150.00    3674400.00      156.57312                      465050.00
3674400.00      151.88081
         465100.00    3674400.00      139.40981                      465150.00
3674400.00      127.08553
         465200.00    3674400.00      115.08514                      463250.00
3674450.00       91.61766
         463300.00    3674450.00      106.35041                      463350.00
3674450.00      117.47017
         463400.00    3674450.00      126.61054                      463450.00
3674450.00      137.66990
         463500.00    3674450.00      152.73519                      463550.00
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3674450.00 168.37706
463600.00 3674450.00 179.54340 463750.00
3674450.00 147.99156
463800.00 3674450.00 124.42621 463850.00
3674450.00 109.34291
463900.00 3674450.00 92.90409 463950.00
3674450.00 91.08186
464100.00 3674450.00 91.63297 464150.00
3674450.00 136.16586
464200.00 3674450.00 183.08545 465050.00
3674450.00 149.29828
465100.00 3674450.00 145.07149 465150.00
3674450.00 137.38500
465200.00 3674450.00 128.01361 463200.00
3674500.00 83.87040
463250.00 3674500.00 92.93022 463300.00
3674500.00 106.80545
463350.00 3674500.00 113.15430 463400.00
3674500.00 121.58692
463450.00 3674500.00 135.63825 463500.00
3674500.00 148.45303
463550.00 3674500.00 157.31846 463800.00
3674500.00 102.49521
463850.00 3674500.00 89.87273 463900.00
3674500.00 80.79837
464100.00 3674500.00 82.39457 464150.00
3674500.00 115.55684
464200.00 3674500.00 159.51908 464250.00
3674500.00 176.33029
463000.00 3674550.00 56.93035 463050.00
3674550.00 63.68269
463100.00 3674550.00 70.37202 463200.00
3674550.00 85.25473
463250.00 3674550.00 94.11800 463300.00
3674550.00 102.41554
463350.00 3674550.00 109.03100 463400.00
3674550.00 120.78494
463450.00 3674550.00 131.53003 463500.00
3674550.00 139.80813
463550.00 3674550.00 143.24456 463600.00
3674550.00 140.47517
463900.00 3674550.00 74.74079 464050.00
3674550.00 57.24071
464100.00 3674550.00 75.01556 464150.00
3674550.00 99.04910
464200.00 3674550.00 137.29594 464250.00
3674550.00 154.89801
464300.00 3674550.00 162.35984 464950.00

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3674550.00       75.90689
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3674550.00      106.65451
         465100.00    3674550.00      119.23300                      463000.00
3674600.00       59.60436
         463050.00    3674600.00       65.94697                      463200.00
3674600.00       84.51212
         463250.00    3674600.00       90.08136                      463300.00
3674600.00       98.95557
         463350.00    3674600.00      108.22629                      463400.00
3674600.00      116.88407
         463450.00    3674600.00      124.24155                      463500.00
3674600.00      128.31868
         463550.00    3674600.00      127.51870                      463600.00
3674600.00      120.34765
         464050.00    3674600.00       53.70494                      464100.00
3674600.00       69.00538
         464150.00    3674600.00       86.43785                      464200.00
3674600.00      117.53188
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
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463250.00 3674650.00 87.57509 463300.00 3674650.00 95.72649
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464200.00 3674650.00 102.81322 464250.00 3674650.00 126.81936
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464900.00 3674650.00 63.53651 464950.00 3674650.00 64.67136
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463450.00 3674700.00 106.34434 463500.00 3674700.00 104.21656
463550.00 3674700.00 100.25020 463600.00 3674700.00 88.44179
464050.00 3674700.00 49.22815 464100.00 3674700.00 59.77677

464150.00 3674700.00 70.24478 464200.00 3674700.00 90.66213
464250.00 3674700.00 114.56271 464300.00 3674700.00 123.42001
464350.00 3674700.00 126.39491 464950.00 3674700.00 60.48745
465000.00 3674700.00 61.99090 465050.00 3674700.00 59.99833
465100.00 3674700.00 58.18948 465150.00 3674700.00 61.45735
465200.00 3674700.00 69.37190 463000.00 3674750.00 64.09051
463050.00 3674750.00 66.66176 463100.00 3674750.00 68.81013
463200.00 3674750.00 78.48362 463250.00 3674750.00 87.44540
463300.00 3674750.00 92.52332 463350.00 3674750.00 95.77370
463400.00 3674750.00 97.42774 463450.00 3674750.00 97.51287
463500.00 3674750.00 95.82079 463550.00 3674750.00 87.23129
463600.00 3674750.00 74.22144 464100.00 3674750.00 56.08643
464150.00 3674750.00 65.75752 464200.00 3674750.00 80.22594
464250.00 3674750.00 103.85008 464300.00 3674750.00 112.50494
464350.00 3674750.00 117.71383 465000.00 3674750.00 57.70812
465050.00 3674750.00 59.49551 465100.00 3674750.00 57.98929

*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 160
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465150.00	3674750.00	56.20197	465200.00	3674750.00	55.17806
463000.00	3674800.00	62.44232	463050.00	3674800.00	64.30358
463100.00	3674800.00	68.18003	463150.00	3674800.00	72.43119
463200.00	3674800.00	76.88572	463250.00	3674800.00	82.22842
463300.00	3674800.00	88.21745	463350.00	3674800.00	89.98001
463400.00	3674800.00	90.95481	463450.00	3674800.00	91.17234
463500.00	3674800.00	85.13786	463550.00	3674800.00	73.36772
464150.00	3674800.00	61.76054	464200.00	3674800.00	72.67262
464250.00	3674800.00	94.42445	464400.00	3674800.00	102.28886
464450.00	3674800.00	103.69647	464500.00	3674800.00	91.63799
465100.00	3674800.00	57.15601	465150.00	3674800.00	56.17603
465200.00	3674800.00	54.23784	463000.00	3674850.00	60.46224
463050.00	3674850.00	63.86400	463100.00	3674850.00	67.09150
463150.00	3674850.00	71.01017	463200.00	3674850.00	74.63766
463250.00	3674850.00	78.32906	463300.00	3674850.00	83.36857
463350.00	3674850.00	85.45333	463400.00	3674850.00	86.62961
463450.00	3674850.00	82.38830	463500.00	3674850.00	73.27106
463550.00	3674850.00	62.03121	464200.00		

3674850.00 65.78808
464250.00 3674850.00 86.58272 464300.00
3674850.00 82.13844
464350.00 3674850.00 85.10496 464400.00
3674850.00 92.99795
464450.00 3674850.00 98.77565 464500.00
3674850.00 92.87041
465150.00 3674850.00 54.97490 465200.00
3674850.00 54.42506
463000.00 3674900.00 60.53764 463050.00
3674900.00 62.79677
463100.00 3674900.00 65.82545 463150.00
3674900.00 69.10268
463200.00 3674900.00 71.96359 463250.00
3674900.00 74.16345
463300.00 3674900.00 79.84512 463350.00
3674900.00 82.26841
463400.00 3674900.00 79.91748 463450.00
3674900.00 72.47737
463500.00 3674900.00 61.51574 463550.00
3674900.00 52.01429
464300.00 3674900.00 78.94671 464350.00
3674900.00 78.19802
464400.00 3674900.00 85.49860 464450.00
3674900.00 97.16025
464500.00 3674900.00 95.25966 464550.00
3674900.00 82.71605
464600.00 3674900.00 68.70452 464650.00
3674900.00 61.74535
463000.00 3674950.00 59.34710 463050.00
3674950.00 62.27991
463100.00 3674950.00 64.64051 463150.00
3674950.00 66.88270
463200.00 3674950.00 68.93514 463250.00
3674950.00 72.81814
463300.00 3674950.00 77.19744 463350.00
3674950.00 76.70336
463400.00 3674950.00 71.38105 463450.00
3674950.00 62.14518
463500.00 3674950.00 52.46799 463550.00
3674950.00 44.53962
464100.00 3674950.00 47.16206 464150.00
3674950.00 51.91752
464400.00 3674950.00 81.00594 464450.00
3674950.00 93.31125

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464500.00	3674950.00	93.02316	464550.00	3674950.00	84.19136
464600.00	3674950.00	72.68878	464650.00	3674950.00	58.56976

*** THE SUMMARY OF MAXIMUM PERIOD (26304 HRS) RESULTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,

```
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS     134.56826 AT (  464200.00,  3673900.00,    18.86,
   18.86,    0.00)  DC
          2ND HIGHEST VALUE IS     103.11626 AT (  464200.00,  3673950.00,    20.08,
   20.08,    0.00)  DC
          3RD HIGHEST VALUE IS      74.86142 AT (  464200.00,  3673850.00,    18.71,
   18.71,    0.00)  DC
          4TH HIGHEST VALUE IS      47.19671 AT (  464000.00,  3673850.00,    16.50,
   16.50,    0.00)  DC
          5TH HIGHEST VALUE IS      43.05713 AT (  464150.00,  3674000.00,    18.31,
   18.31,    0.00)  DC
          6TH HIGHEST VALUE IS      42.20023 AT (  464000.00,  3673900.00,    15.97,
   16.19,    0.00)  DC
          7TH HIGHEST VALUE IS      38.82006 AT (  464200.00,  3674000.00,    19.34,
   19.34,    0.00)  DC
          8TH HIGHEST VALUE IS      38.34831 AT (  464050.00,  3673800.00,    16.27,
   16.27,    0.00)  DC
          9TH HIGHEST VALUE IS      37.38523 AT (  464100.00,  3673800.00,    16.77,
   16.77,    0.00)  DC
         10TH HIGHEST VALUE IS      35.91177 AT (  464100.00,  3674000.00,    17.30,
   17.30,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
🡅 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                      *** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY  1-HR
RESULTS AVERAGED OVER   3 YEARS ***


                                ** CONC OF SO2      IN MICROGRAMS/M**3
               **



                        NETWORK
GROUP ID                       AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
```

```
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS    3093.47081 AT (  464050.00,  3673800.00,    16.27,
   16.27,    0.00)  DC
          2ND HIGHEST VALUE IS    2656.77239 AT (  464000.00,  3673850.00,    16.50,
   16.50,    0.00)  DC
          3RD HIGHEST VALUE IS    2614.18382 AT (  464000.00,  3673900.00,    15.97,
   16.19,    0.00)  DC
          4TH HIGHEST VALUE IS    2477.96234 AT (  464000.00,  3673800.00,    16.15,
   16.15,    0.00)  DC
          5TH HIGHEST VALUE IS    1976.82737 AT (  464100.00,  3673800.00,    16.77,
   16.77,    0.00)  DC
          6TH HIGHEST VALUE IS    1840.21421 AT (  464000.00,  3673750.00,    15.71,
   15.71,    0.00)  DC
          7TH HIGHEST VALUE IS    1776.04352 AT (  464050.00,  3673750.00,    16.83,
   16.83,    0.00)  DC
          8TH HIGHEST VALUE IS    1765.20800 AT (  464000.00,  3673950.00,     8.39,
   17.60,    0.00)  DC
          9TH HIGHEST VALUE IS    1679.65338 AT (  464200.00,  3673950.00,    20.08,
   20.08,    0.00)  DC
         10TH HIGHEST VALUE IS    1619.12008 AT (  463950.00,  3673800.00,    15.67,
   15.67,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of           39 Warning Message(s)
 A Total of          459 Informational Message(s)

 A Total of        26304 Hours Were Processed
```

```
 A Total of           57 Calm Hours Identified

 A Total of          402 Missing Hours Identified (  1.53 Percent)


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


    ********   WARNING MESSAGES   ********
 CO W361      25       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186    6117       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6117       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W441   14167        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081407
 MX W441   14168        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081408
 MX W441   14169        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081409
 MX W441   14170        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081410
 MX W441   14171        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081411
 MX W441   14172        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081412
 MX W441   14173        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081413
 MX W441   14174        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081414
 MX W441   14175        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081415
 MX W441   14176        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081416
 MX W441   14177        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081417
 MX W441   14178        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081418
 MX W441   14191        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081507
 MX W441   14192        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081508
 MX W441   14193        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081509
 MX W441   14194        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081510
```

```
MX W441   14195        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081511
MX W441   14196        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081512
MX W441   14197        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081513
MX W441   14198        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081514
MX W441   14199        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081515
MX W441   14200        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081516
MX W441   14201        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081517
MX W441   14202        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081518
MX W441   14215        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081607
MX W441   14216        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081608
MX W441   14217        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081609
MX W441   14218        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081610
MX W441   14219        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081611
MX W441   14220        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081612
MX W441   14221        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081613
MX W441   14222        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081614
MX W441   14223        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081615
MX W441   14224        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081616
MX W441   14225        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081617
MX W441   14226        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081618

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

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 10/8/2019
** File: C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside
Construction.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   POLLUTID SO2
   RUNORNOT RUN
   ERRORFIL "Alta Oceanside Construction.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 = CONST
** DESCRSRC
** PREFIX
** Length of Side = 11.63
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 2.33
** SZINIT = 1.08
** Nodes = 24
** 464025.685, 3673819.804, 16.34, 5.00, 5.41
```

```
** 464027.939, 3673942.429, 14.81, 5.00, 5.41
** 464039.661, 3673942.429, 16.55, 5.00, 5.41
** 464038.759, 3673821.156, 16.37, 5.00, 5.41
** 464052.284, 3673822.058, 16.35, 5.00, 5.41
** 464053.186, 3673942.880, 17.15, 5.00, 5.41
** 464065.809, 3673942.880, 17.24, 5.00, 5.41
** 464064.908, 3673820.705, 16.35, 5.00, 5.41
** 464074.375, 3673821.607, 16.53, 5.00, 5.41
** 464074.375, 3673943.331, 17.25, 5.00, 5.41
** 464087.449, 3673941.528, 17.33, 5.00, 5.41
** 464086.547, 3673849.108, 16.68, 5.00, 5.41
** 464098.720, 3673849.559, 16.85, 5.00, 5.41
** 464098.720, 3673943.782, 17.50, 5.00, 5.41
** 464112.695, 3673943.782, 17.62, 5.00, 5.41
** 464113.146, 3673849.559, 17.04, 5.00, 5.41
** 464123.966, 3673850.009, 17.06, 5.00, 5.41
** 464123.966, 3673944.684, 17.74, 5.00, 5.41
** 464137.040, 3673943.782, 18.27, 5.00, 5.41
** 464136.139, 3673850.460, 17.62, 5.00, 5.41
** 464147.860, 3673850.460, 18.05, 5.00, 5.41
** 464147.860, 3673945.134, 18.48, 5.00, 5.41
** 464160.483, 3673945.134, 18.54, 5.00, 5.41
** 464160.033, 3673851.362, 18.31, 5.00, 5.41
** ---------------------------------------------------------------------
   LOCATION L0000001     VOLUME   464025.792 3673825.618 16.39
   LOCATION L0000002     VOLUME   464026.006 3673837.246 16.42
   LOCATION L0000003     VOLUME   464026.220 3673848.874 16.46
   LOCATION L0000004     VOLUME   464026.433 3673860.502 16.52
   LOCATION L0000005     VOLUME   464026.647 3673872.130 16.64
   LOCATION L0000006     VOLUME   464026.861 3673883.758 16.69
   LOCATION L0000007     VOLUME   464027.075 3673895.386 16.83
   LOCATION L0000008     VOLUME   464027.288 3673907.014 17.05
   LOCATION L0000009     VOLUME   464027.502 3673918.642 17.18
   LOCATION L0000010     VOLUME   464027.716 3673930.270 16.91
   LOCATION L0000011     VOLUME   464027.930 3673941.898 14.71
   LOCATION L0000012     VOLUME   464039.038 3673942.429 16.05
   LOCATION L0000013     VOLUME   464039.579 3673931.423 17.30
   LOCATION L0000014     VOLUME   464039.493 3673919.793 17.23
   LOCATION L0000015     VOLUME   464039.406 3673908.163 17.01
   LOCATION L0000016     VOLUME   464039.320 3673896.534 16.88
   LOCATION L0000017     VOLUME   464039.233 3673884.904 16.71
   LOCATION L0000018     VOLUME   464039.147 3673873.274 16.63
   LOCATION L0000019     VOLUME   464039.060 3673861.645 16.53
   LOCATION L0000020     VOLUME   464038.974 3673850.015 16.45
   LOCATION L0000021     VOLUME   464038.887 3673838.385 16.41
   LOCATION L0000022     VOLUME   464038.801 3673826.756 16.41
   LOCATION L0000023     VOLUME   464044.777 3673821.557 16.35
   LOCATION L0000024     VOLUME   464052.315 3673826.163 16.36
```

LOCATION	L0000025	VOLUME	464052.402	3673837.793	16.40
LOCATION	L0000026	VOLUME	464052.488	3673849.423	16.45
LOCATION	L0000027	VOLUME	464052.575	3673861.052	16.57
LOCATION	L0000028	VOLUME	464052.662	3673872.682	16.70
LOCATION	L0000029	VOLUME	464052.749	3673884.312	16.78
LOCATION	L0000030	VOLUME	464052.836	3673895.941	16.92
LOCATION	L0000031	VOLUME	464052.922	3673907.571	16.97
LOCATION	L0000032	VOLUME	464053.009	3673919.201	17.18
LOCATION	L0000033	VOLUME	464053.096	3673930.830	17.29
LOCATION	L0000034	VOLUME	464053.183	3673942.460	16.71
LOCATION	L0000035	VOLUME	464064.396	3673942.880	16.82
LOCATION	L0000036	VOLUME	464065.734	3673932.664	17.35
LOCATION	L0000037	VOLUME	464065.648	3673921.034	17.23
LOCATION	L0000038	VOLUME	464065.562	3673909.404	17.04
LOCATION	L0000039	VOLUME	464065.476	3673897.775	16.99
LOCATION	L0000040	VOLUME	464065.390	3673886.145	16.92
LOCATION	L0000041	VOLUME	464065.305	3673874.515	16.78
LOCATION	L0000042	VOLUME	464065.219	3673862.886	16.65
LOCATION	L0000043	VOLUME	464065.133	3673851.256	16.53
LOCATION	L0000044	VOLUME	464065.047	3673839.626	16.49
LOCATION	L0000045	VOLUME	464064.961	3673827.997	16.35
LOCATION	L0000046	VOLUME	464069.226	3673821.117	16.36
LOCATION	L0000047	VOLUME	464074.375	3673828.065	16.50
LOCATION	L0000048	VOLUME	464074.375	3673839.695	16.56
LOCATION	L0000049	VOLUME	464074.375	3673851.325	16.57
LOCATION	L0000050	VOLUME	464074.375	3673862.955	16.70
LOCATION	L0000051	VOLUME	464074.375	3673874.585	16.79
LOCATION	L0000052	VOLUME	464074.375	3673886.215	16.96
LOCATION	L0000053	VOLUME	464074.375	3673897.845	17.05
LOCATION	L0000054	VOLUME	464074.375	3673909.475	17.11
LOCATION	L0000055	VOLUME	464074.375	3673921.105	17.26
LOCATION	L0000056	VOLUME	464074.375	3673932.735	17.35
LOCATION	L0000057	VOLUME	464075.399	3673943.190	16.97
LOCATION	L0000058	VOLUME	464086.920	3673941.601	17.30
LOCATION	L0000059	VOLUME	464087.341	3673930.432	17.42
LOCATION	L0000060	VOLUME	464087.227	3673918.802	17.42
LOCATION	L0000061	VOLUME	464087.114	3673907.173	17.26
LOCATION	L0000062	VOLUME	464087.000	3673895.544	17.03
LOCATION	L0000063	VOLUME	464086.887	3673883.914	16.88
LOCATION	L0000064	VOLUME	464086.773	3673872.285	16.80
LOCATION	L0000065	VOLUME	464086.660	3673860.655	16.78
LOCATION	L0000066	VOLUME	464086.629	3673849.111	16.68
LOCATION	L0000067	VOLUME	464098.251	3673849.541	16.86
LOCATION	L0000068	VOLUME	464098.720	3673860.720	16.96
LOCATION	L0000069	VOLUME	464098.720	3673872.350	16.98
LOCATION	L0000070	VOLUME	464098.720	3673883.980	17.07
LOCATION	L0000071	VOLUME	464098.720	3673895.610	17.18
LOCATION	L0000072	VOLUME	464098.720	3673907.240	17.32

LOCATION	L0000073	VOLUME	464098.720	3673918.870	17.39
LOCATION	L0000074	VOLUME	464098.720	3673930.500	17.42
LOCATION	L0000075	VOLUME	464098.720	3673942.130	17.47
LOCATION	L0000076	VOLUME	464108.698	3673943.782	17.53
LOCATION	L0000077	VOLUME	464112.732	3673936.150	17.59
LOCATION	L0000078	VOLUME	464112.788	3673924.520	17.55
LOCATION	L0000079	VOLUME	464112.843	3673912.890	17.55
LOCATION	L0000080	VOLUME	464112.899	3673901.260	17.37
LOCATION	L0000081	VOLUME	464112.955	3673889.630	17.33
LOCATION	L0000082	VOLUME	464113.010	3673878.001	17.38
LOCATION	L0000083	VOLUME	464113.066	3673866.371	17.17
LOCATION	L0000084	VOLUME	464113.121	3673854.741	17.07
LOCATION	L0000085	VOLUME	464119.588	3673849.827	17.05
LOCATION	L0000086	VOLUME	464123.966	3673857.258	17.22
LOCATION	L0000087	VOLUME	464123.966	3673868.888	17.38
LOCATION	L0000088	VOLUME	464123.966	3673880.518	17.55
LOCATION	L0000089	VOLUME	464123.966	3673892.148	17.64
LOCATION	L0000090	VOLUME	464123.966	3673903.778	17.58
LOCATION	L0000091	VOLUME	464123.966	3673915.408	17.68
LOCATION	L0000092	VOLUME	464123.966	3673927.038	17.69
LOCATION	L0000093	VOLUME	464123.966	3673938.668	17.75
LOCATION	L0000094	VOLUME	464129.567	3673944.297	17.99
LOCATION	L0000095	VOLUME	464137.000	3673939.643	18.40
LOCATION	L0000096	VOLUME	464136.888	3673928.014	18.23
LOCATION	L0000097	VOLUME	464136.776	3673916.384	18.01
LOCATION	L0000098	VOLUME	464136.663	3673904.755	17.87
LOCATION	L0000099	VOLUME	464136.551	3673893.125	17.83
LOCATION	L0000100	VOLUME	464136.438	3673881.496	17.82
LOCATION	L0000101	VOLUME	464136.326	3673869.866	17.79
LOCATION	L0000102	VOLUME	464136.214	3673858.237	17.68
LOCATION	L0000103	VOLUME	464139.991	3673850.460	17.85
LOCATION	L0000104	VOLUME	464147.860	3673854.221	18.11
LOCATION	L0000105	VOLUME	464147.860	3673865.851	18.08
LOCATION	L0000106	VOLUME	464147.860	3673877.481	18.04
LOCATION	L0000107	VOLUME	464147.860	3673889.111	17.98
LOCATION	L0000108	VOLUME	464147.860	3673900.741	18.09
LOCATION	L0000109	VOLUME	464147.860	3673912.371	18.28
LOCATION	L0000110	VOLUME	464147.860	3673924.001	18.46
LOCATION	L0000111	VOLUME	464147.860	3673935.631	18.52
LOCATION	L0000112	VOLUME	464149.987	3673945.134	18.48
LOCATION	L0000113	VOLUME	464160.478	3673944.001	18.54
LOCATION	L0000114	VOLUME	464160.422	3673932.371	18.54
LOCATION	L0000115	VOLUME	464160.366	3673920.741	18.44
LOCATION	L0000116	VOLUME	464160.310	3673909.111	18.38
LOCATION	L0000117	VOLUME	464160.254	3673897.481	18.29
LOCATION	L0000118	VOLUME	464160.198	3673885.851	18.24
LOCATION	L0000119	VOLUME	464160.142	3673874.221	18.25
LOCATION	L0000120	VOLUME	464160.087	3673862.591	18.26

```
** End of LINE VOLUME Source ID = CONST
** Source Parameters **
** LINE VOLUME Source ID = CONST
   SRCPARAM L0000001     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000002     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000003     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000004     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000005     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000006     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000007     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000008     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000009     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000010     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000011     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000012     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000013     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000014     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000015     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000016     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000017     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000018     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000019     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000020     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000021     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000022     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000023     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000024     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000025     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000026     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000027     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000028     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000029     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000030     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000031     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000032     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000033     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000034     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000035     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000036     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000037     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000038     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000039     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000040     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000041     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000042     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000043     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000044     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000045     0.0083333333      5.00      5.41      1.08
```

SRCPARAM	L0000046	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000047	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000048	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000049	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000050	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000051	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000052	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000053	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000054	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000055	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000056	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000057	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000058	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000059	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000060	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000061	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000062	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000063	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000064	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000065	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000066	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000067	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000068	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000069	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000070	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000071	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000072	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000073	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000074	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000075	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000076	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000077	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000078	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000079	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000080	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000081	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000082	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000083	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000084	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000085	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000086	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000087	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000088	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000089	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000090	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000091	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000092	0.0083333333	5.00	5.41	1.08
SRCPARAM	L0000093	0.0083333333	5.00	5.41	1.08

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   SRCPARAM L0000094     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000095     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000096     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000097     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000098     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000099     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000100     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000101     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000102     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000103     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000104     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000105     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000106     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000107     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000108     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000109     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000110     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000111     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000112     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000113     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000114     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000115     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000116     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000117     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000118     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000119     0.0083333333      5.00      5.41      1.08
   SRCPARAM L0000120     0.0083333333      5.00      5.41      1.08
** ----------------------------------------------------------------------

** Variable Emissions Type: "By Season / Hour / Day (SHRDOW)"
** Variable Emission Scenario: "Scenario 2"
** WeekDays:
** Winter
   EMISFACT L0000001     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000001     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000001     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000001     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000002     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000002     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000003     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000003     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000003     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000004     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000004     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
```

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EMISFACT L0000004     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000005     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000005     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000006     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000006     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000007     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000007     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000007     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000008     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000008     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000008     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000009     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000009     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000009     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000010     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000010     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000010     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000011     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000011     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000011     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000012     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000012     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000012     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000013     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000014     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000014     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000015     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000015     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000016     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000016     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000016     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000017     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000017     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000017     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000018     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000018     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000018     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000019     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000019     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000019     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000020     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000020     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000020     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000021     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000021     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000021     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000022     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000022     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000023     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000023     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000024     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000025     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000026     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000027     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000027     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000028     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000040     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000040     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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EMISFACT L0000051     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000052     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000053     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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   EMISFACT L0000117     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000118     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000118     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000118     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Fall
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EMISFACT L0000039     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000059     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000060     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000060     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000061     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000061     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000062     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000062     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000062     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000063     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000063     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000063     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000065     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000065     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000099     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Saturday:
** Winter
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EMISFACT L0000014     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000014     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000015     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000027     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000024     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000025     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000026     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000027     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000027     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000028     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000028     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000029     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000029     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000030     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000030     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000032     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000034     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000050     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000062     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000036     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000038     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000050     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000098     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000099     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000099     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000100     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000100     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000100     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000101     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000101     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000101     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000102     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000102     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000103     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000103     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000103     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000103     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000104     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000104     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000104     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000105     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000105     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000105     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000106     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000106     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000106     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000107     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000108     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000108     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000109     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000109     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000110     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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   EMISFACT L0000113     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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** Sunday:
** Winter
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   EMISFACT L0000001     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000002     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000003     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000003     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000004     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000005     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000005     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000005     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000005     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000006     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000009     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000012     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000013     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000013     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000014     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000015     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000015     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000017     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000020     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000020     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000020     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000021     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000022     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000022     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000022     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000023     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000023     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000023     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000024     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000024     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000025     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000025     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000026     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000027     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000027     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000030     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000032     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000032     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000032     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000033     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000033     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000033     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000034     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000034     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000034     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000035     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000035     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000035     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000036     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000036     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000037     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000037     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000037     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000038     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000040     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000041     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000042     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000042     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000042     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000043     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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EMISFACT L0000046     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000047     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000049     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000049     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000050     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000062     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000109     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000109     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000110     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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** Spring
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   EMISFACT L0000119     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000119     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000120     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Summer
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   EMISFACT L0000001     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000013     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000061     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000065     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000066     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000074     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000074     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000074     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000074     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000075     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000075     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000075     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000076     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000076     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000076     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000077     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000077     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
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EMISFACT L0000078     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000079     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000079     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000079     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000080     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000081     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000082     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000083     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000084     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000084     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000085     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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EMISFACT L0000097     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000097     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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EMISFACT L0000105     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000105     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000106     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
EMISFACT L0000107     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000107     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000108     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000108     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
EMISFACT L0000108     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000109     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
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   EMISFACT L0000110     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000110     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000111     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000111     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000112     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000112     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000113     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000113     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000113     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000113     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000115     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000116     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000116     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000116     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000116     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000117     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000117     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000117     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000117     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000118     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000118     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000118     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000118     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000119     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000119     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000119     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000119     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 3.5 3.5 3.5 3.5 0.0
   EMISFACT L0000120     SHRDOW 3.5 3.5 3.5 3.5 0.0 0.0
   EMISFACT L0000120     SHRDOW 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
```

```
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "Alta Oceanside Construction.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR
2019.04\HRA\Met\CMP_2010_2012_v16126.SFC"
   PROFFILE "C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR
2019.04\HRA\Met\CMP_2010_2012_v16126.PFL"
   SURFDATA 3177 2010
   UAIRDATA 3190 2010
   SITEDATA 1008 2010
   PROFBASE 54.0 FEET
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "Alta Oceanside Construction.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "Alta Oceanside Construction.AD\PE00GALL.PLT" 32
   SUMMFILE "Alta Oceanside Construction.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

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

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of            0 Informational Message(s)
```

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


    ********   WARNING MESSAGES   ********
 CO W361      25       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186    6117       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6117       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET


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

 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE   1
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                                             ***     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:
        ADJ_U*   - Use ADJ_U* option for SBL in AERMET
        CCVR_Sub - Meteorological data includes CCVR substitutions
        TEMP_Sub - Meteorological data includes TEMP substitutions

 **Model Assumes No FLAGPOLE Receptor Heights.

 **The User Specified a Pollutant Type of:  SO2

 **Note that special processing requirements apply for the 1-hour SO2 NAAQS - check
available guidance.
   Model will process user-specified ranks of daily maximum 1-hour values averaged
across the number of years modeled.

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

 **This Run Includes:    120 Source(s);       1 Source Group(s); and     884
Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:    120 VOLUME source(s)
                 and:      0 AREA type source(s)
                 and:      0 LINE 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:  16216

 **Output Options Selected:
          Model Outputs Tables of PERIOD Averages by Receptor
          Model Outputs Tables of Highest Short Term Values by Receptor (RECTABLE
Keyword)
          Model Outputs External File(s) of High Values for Plotting (PLOTFILE
Keyword)
          Model Outputs Separate Summary File of High Ranked Values (SUMMFILE
Keyword)

 **NOTE:  The Following Flags May Appear Following CONC Values:  c for Calm Hours
                                                                 m for Missing Hours
                                                                 b for Both Calm and
Missing Hours

 **Misc. Inputs:  Base Elev. for Pot. Temp. Profile (m MSL) =    16.46 ;  Decay
```

```
Coef. =    0.000     ;  Rot. Angle =     0.0
                  Emission Units = GRAMS/SEC                                ;
Emission Rate Unit Factor =   0.10000E+07
                  Output Units   = MICROGRAMS/M**3

 **Approximate Storage Requirements of Model =      3.9 MB of RAM.

 **Input Runstream File:          aermod.inp

 **Output Print File:             aermod.out


 **Detailed Error/Message File:   Alta Oceanside Construction.err

 **File for Summary of Results:   Alta Oceanside Construction.sum

 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE   2
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                  *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000001         0   0.83333E-02  464025.8 3673825.6    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000002         0   0.83333E-02  464026.0 3673837.2    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000003         0   0.83333E-02  464026.2 3673848.9    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000004         0   0.83333E-02  464026.4 3673860.5    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000005         0   0.83333E-02  464026.6 3673872.1    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000006         0   0.83333E-02  464026.9 3673883.8    16.7     5.00     5.41
1.08     NO    SHRDOW
```

```
 L0000007         0   0.83333E-02  464027.1 3673895.4    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000008         0   0.83333E-02  464027.3 3673907.0    17.1     5.00     5.41
1.08     NO    SHRDOW
 L0000009         0   0.83333E-02  464027.5 3673918.6    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000010         0   0.83333E-02  464027.7 3673930.3    16.9     5.00     5.41
1.08     NO    SHRDOW
 L0000011         0   0.83333E-02  464027.9 3673941.9    14.7     5.00     5.41
1.08     NO    SHRDOW
 L0000012         0   0.83333E-02  464039.0 3673942.4    16.1     5.00     5.41
1.08     NO    SHRDOW
 L0000013         0   0.83333E-02  464039.6 3673931.4    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000014         0   0.83333E-02  464039.5 3673919.8    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000015         0   0.83333E-02  464039.4 3673908.2    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000016         0   0.83333E-02  464039.3 3673896.5    16.9     5.00     5.41
1.08     NO    SHRDOW
 L0000017         0   0.83333E-02  464039.2 3673884.9    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000018         0   0.83333E-02  464039.1 3673873.3    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000019         0   0.83333E-02  464039.1 3673861.6    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000020         0   0.83333E-02  464039.0 3673850.0    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000021         0   0.83333E-02  464038.9 3673838.4    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000022         0   0.83333E-02  464038.8 3673826.8    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000023         0   0.83333E-02  464044.8 3673821.6    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000024         0   0.83333E-02  464052.3 3673826.2    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000025         0   0.83333E-02  464052.4 3673837.8    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000026         0   0.83333E-02  464052.5 3673849.4    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000027         0   0.83333E-02  464052.6 3673861.1    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000028         0   0.83333E-02  464052.7 3673872.7    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000029         0   0.83333E-02  464052.7 3673884.3    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000030         0   0.83333E-02  464052.8 3673895.9    16.9     5.00     5.41
1.08     NO    SHRDOW
```

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 L0000031         0   0.83333E-02  464052.9 3673907.6    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000032         0   0.83333E-02  464053.0 3673919.2    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000033         0   0.83333E-02  464053.1 3673930.8    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000034         0   0.83333E-02  464053.2 3673942.5    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000035         0   0.83333E-02  464064.4 3673942.9    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000036         0   0.83333E-02  464065.7 3673932.7    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000037         0   0.83333E-02  464065.6 3673921.0    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000038         0   0.83333E-02  464065.6 3673909.4    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000039         0   0.83333E-02  464065.5 3673897.8    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000040         0   0.83333E-02  464065.4 3673886.1    16.9     5.00     5.41
1.08     NO    SHRDOW
```



```
                                                    *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -

 L0000041         0   0.83333E-02  464065.3 3673874.5    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000042         0   0.83333E-02  464065.2 3673862.9    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000043         0   0.83333E-02  464065.1 3673851.3    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000044         0   0.83333E-02  464065.0 3673839.6    16.5     5.00     5.41
1.08     NO    SHRDOW
```

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 L0000045         0   0.83333E-02  464065.0 3673828.0    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000046         0   0.83333E-02  464069.2 3673821.1    16.4     5.00     5.41
1.08     NO    SHRDOW
 L0000047         0   0.83333E-02  464074.4 3673828.1    16.5     5.00     5.41
1.08     NO    SHRDOW
 L0000048         0   0.83333E-02  464074.4 3673839.7    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000049         0   0.83333E-02  464074.4 3673851.3    16.6     5.00     5.41
1.08     NO    SHRDOW
 L0000050         0   0.83333E-02  464074.4 3673863.0    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000051         0   0.83333E-02  464074.4 3673874.6    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000052         0   0.83333E-02  464074.4 3673886.2    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000053         0   0.83333E-02  464074.4 3673897.8    17.1     5.00     5.41
1.08     NO    SHRDOW
 L0000054         0   0.83333E-02  464074.4 3673909.5    17.1     5.00     5.41
1.08     NO    SHRDOW
 L0000055         0   0.83333E-02  464074.4 3673921.1    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000056         0   0.83333E-02  464074.4 3673932.7    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000057         0   0.83333E-02  464075.4 3673943.2    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000058         0   0.83333E-02  464086.9 3673941.6    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000059         0   0.83333E-02  464087.3 3673930.4    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000060         0   0.83333E-02  464087.2 3673918.8    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000061         0   0.83333E-02  464087.1 3673907.2    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000062         0   0.83333E-02  464087.0 3673895.5    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000063         0   0.83333E-02  464086.9 3673883.9    16.9     5.00     5.41
1.08     NO    SHRDOW
 L0000064         0   0.83333E-02  464086.8 3673872.3    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000065         0   0.83333E-02  464086.7 3673860.7    16.8     5.00     5.41
1.08     NO    SHRDOW
 L0000066         0   0.83333E-02  464086.6 3673849.1    16.7     5.00     5.41
1.08     NO    SHRDOW
 L0000067         0   0.83333E-02  464098.3 3673849.5    16.9     5.00     5.41
1.08     NO    SHRDOW
 L0000068         0   0.83333E-02  464098.7 3673860.7    17.0     5.00     5.41
1.08     NO    SHRDOW
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 L0000069         0   0.83333E-02  464098.7 3673872.3    17.0     5.00     5.41
1.08     NO    SHRDOW
 L0000070         0   0.83333E-02  464098.7 3673884.0    17.1     5.00     5.41
1.08     NO    SHRDOW
 L0000071         0   0.83333E-02  464098.7 3673895.6    17.2     5.00     5.41
1.08     NO    SHRDOW
 L0000072         0   0.83333E-02  464098.7 3673907.2    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000073         0   0.83333E-02  464098.7 3673918.9    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000074         0   0.83333E-02  464098.7 3673930.5    17.4     5.00     5.41
1.08     NO    SHRDOW
 L0000075         0   0.83333E-02  464098.7 3673942.1    17.5     5.00     5.41
1.08     NO    SHRDOW
 L0000076         0   0.83333E-02  464108.7 3673943.8    17.5     5.00     5.41
1.08     NO    SHRDOW
 L0000077         0   0.83333E-02  464112.7 3673936.1    17.6     5.00     5.41
1.08     NO    SHRDOW
 L0000078         0   0.83333E-02  464112.8 3673924.5    17.6     5.00     5.41
1.08     NO    SHRDOW
 L0000079         0   0.83333E-02  464112.8 3673912.9    17.6     5.00     5.41
1.08     NO    SHRDOW
 L0000080         0   0.83333E-02  464112.9 3673901.3    17.4     5.00     5.41
1.08     NO    SHRDOW
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                                   *** VOLUME SOURCE DATA ***

               NUMBER EMISSION RATE                    BASE    RELEASE    INIT.
INIT.   URBAN  EMISSION RATE
   SOURCE       PART.  (GRAMS/SEC)     X        Y      ELEV.   HEIGHT      SY
SZ     SOURCE  SCALAR VARY
     ID         CATS.               (METERS) (METERS) (METERS) (METERS) (METERS)
(METERS)              BY
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - -

 L0000081         0   0.83333E-02  464113.0 3673889.6    17.3     5.00     5.41
1.08     NO    SHRDOW
 L0000082         0   0.83333E-02  464113.0 3673878.0    17.4     5.00     5.41
1.08     NO    SHRDOW
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L0000083	0	0.83333E-02	464113.1	3673866.4	17.2	5.00	5.41	1.08	NO	SHRDOW
L0000084	0	0.83333E-02	464113.1	3673854.7	17.1	5.00	5.41	1.08	NO	SHRDOW
L0000085	0	0.83333E-02	464119.6	3673849.8	17.1	5.00	5.41	1.08	NO	SHRDOW
L0000086	0	0.83333E-02	464124.0	3673857.3	17.2	5.00	5.41	1.08	NO	SHRDOW
L0000087	0	0.83333E-02	464124.0	3673868.9	17.4	5.00	5.41	1.08	NO	SHRDOW
L0000088	0	0.83333E-02	464124.0	3673880.5	17.6	5.00	5.41	1.08	NO	SHRDOW
L0000089	0	0.83333E-02	464124.0	3673892.1	17.6	5.00	5.41	1.08	NO	SHRDOW
L0000090	0	0.83333E-02	464124.0	3673903.8	17.6	5.00	5.41	1.08	NO	SHRDOW
L0000091	0	0.83333E-02	464124.0	3673915.4	17.7	5.00	5.41	1.08	NO	SHRDOW
L0000092	0	0.83333E-02	464124.0	3673927.0	17.7	5.00	5.41	1.08	NO	SHRDOW
L0000093	0	0.83333E-02	464124.0	3673938.7	17.8	5.00	5.41	1.08	NO	SHRDOW
L0000094	0	0.83333E-02	464129.6	3673944.3	18.0	5.00	5.41	1.08	NO	SHRDOW
L0000095	0	0.83333E-02	464137.0	3673939.6	18.4	5.00	5.41	1.08	NO	SHRDOW
L0000096	0	0.83333E-02	464136.9	3673928.0	18.2	5.00	5.41	1.08	NO	SHRDOW
L0000097	0	0.83333E-02	464136.8	3673916.4	18.0	5.00	5.41	1.08	NO	SHRDOW
L0000098	0	0.83333E-02	464136.7	3673904.8	17.9	5.00	5.41	1.08	NO	SHRDOW
L0000099	0	0.83333E-02	464136.6	3673893.1	17.8	5.00	5.41	1.08	NO	SHRDOW
L0000100	0	0.83333E-02	464136.4	3673881.5	17.8	5.00	5.41	1.08	NO	SHRDOW
L0000101	0	0.83333E-02	464136.3	3673869.9	17.8	5.00	5.41	1.08	NO	SHRDOW
L0000102	0	0.83333E-02	464136.2	3673858.2	17.7	5.00	5.41	1.08	NO	SHRDOW
L0000103	0	0.83333E-02	464140.0	3673850.5	17.9	5.00	5.41	1.08	NO	SHRDOW
L0000104	0	0.83333E-02	464147.9	3673854.2	18.1	5.00	5.41	1.08	NO	SHRDOW
L0000105	0	0.83333E-02	464147.9	3673865.9	18.1	5.00	5.41	1.08	NO	SHRDOW
L0000106	0	0.83333E-02	464147.9	3673877.5	18.0	5.00	5.41	1.08	NO	SHRDOW

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 L0000107         0   0.83333E-02  464147.9 3673889.1    18.0     5.00     5.41
1.08     NO    SHRDOW
 L0000108         0   0.83333E-02  464147.9 3673900.7    18.1     5.00     5.41
1.08     NO    SHRDOW
 L0000109         0   0.83333E-02  464147.9 3673912.4    18.3     5.00     5.41
1.08     NO    SHRDOW
 L0000110         0   0.83333E-02  464147.9 3673924.0    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000111         0   0.83333E-02  464147.9 3673935.6    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000112         0   0.83333E-02  464150.0 3673945.1    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000113         0   0.83333E-02  464160.5 3673944.0    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000114         0   0.83333E-02  464160.4 3673932.4    18.5     5.00     5.41
1.08     NO    SHRDOW
 L0000115         0   0.83333E-02  464160.4 3673920.7    18.4     5.00     5.41
1.08     NO    SHRDOW
 L0000116         0   0.83333E-02  464160.3 3673909.1    18.4     5.00     5.41
1.08     NO    SHRDOW
 L0000117         0   0.83333E-02  464160.3 3673897.5    18.3     5.00     5.41
1.08     NO    SHRDOW
 L0000118         0   0.83333E-02  464160.2 3673885.9    18.2     5.00     5.41
1.08     NO    SHRDOW
 L0000119         0   0.83333E-02  464160.1 3673874.2    18.2     5.00     5.41
1.08     NO    SHRDOW
 L0000120         0   0.83333E-02  464160.1 3673862.6    18.3     5.00     5.41
1.08     NO    SHRDOW
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*


                                          *** SOURCE IDs DEFINING SOURCE GROUPS ***

 SRCGROUP ID                                                SOURCE IDs
 -----------                                                ----------


  ALL        L0000001    , L0000002    , L0000003    , L0000004    , L0000005    ,
L0000006    , L0000007    , L0000008    ,

             L0000009    , L0000010    , L0000011    , L0000012    , L0000013    ,
L0000014    , L0000015    , L0000016    ,
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             L0000017    , L0000018    , L0000019    , L0000020    , L0000021    ,
L0000022    , L0000023    , L0000024    ,

             L0000025    , L0000026    , L0000027    , L0000028    , L0000029    ,
L0000030    , L0000031    , L0000032    ,

             L0000033    , L0000034    , L0000035    , L0000036    , L0000037    ,
L0000038    , L0000039    , L0000040    ,

             L0000041    , L0000042    , L0000043    , L0000044    , L0000045    ,
L0000046    , L0000047    , L0000048    ,

             L0000049    , L0000050    , L0000051    , L0000052    , L0000053    ,
L0000054    , L0000055    , L0000056    ,

             L0000057    , L0000058    , L0000059    , L0000060    , L0000061    ,
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L0000078    , L0000079    , L0000080    ,

             L0000081    , L0000082    , L0000083    , L0000084    , L0000085    ,
L0000086    , L0000087    , L0000088    ,

             L0000089    , L0000090    , L0000091    , L0000092    , L0000093    ,
L0000094    , L0000095    , L0000096    ,

             L0000097    , L0000098    , L0000099    , L0000100    , L0000101    ,
L0000102    , L0000103    , L0000104    ,

             L0000105    , L0000106    , L0000107    , L0000108    , L0000109    ,
L0000110    , L0000111    , L0000112    ,

             L0000113    , L0000114    , L0000115    , L0000116    , L0000117    ,
L0000118    , L0000119    , L0000120    ,
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000001     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE   7
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000002     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE   8
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000003     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000004     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  10
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000005     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  11
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000006     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000007     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  13
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000008     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                            SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  14
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000009     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000010     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  16
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000011     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                            SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000012     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000013     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  19
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000014     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  20
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000015     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000016     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  22
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000017     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                  PAGE  23
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000018     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000019     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  25
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000020     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  26
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000021     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000022     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  28
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000023     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  29
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000024     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000025     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  31
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000026     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                            SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000027     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000028     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  34
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000029     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000030     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000031     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  37
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000032     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  38
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000033     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000034     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  40
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000035     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  41
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000036     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000037     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  43
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000038     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  44
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000039     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000040     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  46
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000041     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  47
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000042     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000043     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  49
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000044     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  50
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000045     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000046     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  52
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000047     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  53
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000048     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000049     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  55
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000050     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  56
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000051     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000052     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  58
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000053     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  59
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000054     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000055     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  61
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000056     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  62
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000057     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000058     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  64
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000059     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  65
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000060     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000061     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  67
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000062     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  68
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000063     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000064     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  70
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000065     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000066     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000067     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  73
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000068     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  74
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000069     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000070     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  76
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000071     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  77
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000072     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000073     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  79
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000074     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  80
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000075     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000076     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  82
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000077     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  83
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000078     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000079     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
1 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  85
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000080     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  86
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000081     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000082     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  88
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000083     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  89
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000084     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000085     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  91
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000086     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                            SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                            SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  92
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000087     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000088     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  94
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000089     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  95
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000090     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000091     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE  97
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000092     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
*** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE  98
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000093     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000094     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 100
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000095     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE 101
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000096     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                PAGE 102
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000097     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 103
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000098     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE 104
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                 * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000099     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000100     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 106
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000101     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000102     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000103     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 109
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000104     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



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                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000105     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
```

```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000106     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 112
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000107     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE 113
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000108     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000109     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 115
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000110     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000111     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000112     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 118
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000113     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000114     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000115     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 121
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000116     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000117     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
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```
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000118     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 124
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000119     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                   PAGE 125
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                  * SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND
BY DAY OF WEEK (SHRDOW) *

 SOURCE ID = L0000120     ; SOURCE TYPE = VOLUME   :
  HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
HOUR   SCALAR   HOUR   SCALAR   HOUR   SCALAR
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
                                                SEASON = WINTER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
```

```
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
WEEKDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK =
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK =
```

```
SATURDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF WEEK = SUNDAY

    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5  .0000E+00
6  .0000E+00    7  .0000E+00    8  .3500E+01
    9  .3500E+01   10  .3500E+01   11  .3500E+01   12  .0000E+00   13  .3500E+01
14  .3500E+01   15  .3500E+01   16  .3500E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21  .0000E+00
22  .0000E+00   23  .0000E+00   24  .0000E+00
```



```
                                                *** DISCRETE CARTESIAN RECEPTORS ***
```

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(464500.0, 3672750.0, 13.8, 13.8, 0.0); (464550.0, 3672750.0, 14.4, 14.4, 0.0);
(464600.0, 3672750.0, 15.5, 15.5, 0.0); (464650.0, 3672750.0, 16.1, 16.1, 0.0);
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(465000.0, 3672750.0, 21.6, 21.6, 0.0); (465050.0, 3672750.0, 22.1, 22.1, 0.0);
(465100.0, 3672750.0, 23.2, 23.2, 0.0); (465150.0, 3672750.0, 24.5, 24.5, 0.0);
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(464750.0, 3672800.0, 21.1, 21.1, 0.0); (464800.0, 3672800.0, 21.3, 21.3, 0.0);
(464850.0, 3672800.0, 21.2, 21.2, 0.0); (464900.0, 3672800.0, 22.3, 22.3, 0.0);
(464950.0, 3672800.0, 22.5, 22.5, 0.0); (465000.0, 3672800.0, 23.0, 23.0, 0.0);
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(464750.0, 3672850.0, 21.4, 21.4, 0.0); (464800.0, 3672850.0, 21.5, 21.5, 0.0);
(464850.0, 3672850.0, 21.6, 21.6, 0.0); (464900.0, 3672850.0, 22.1, 22.1, 0.0);
(464950.0, 3672850.0, 23.7, 23.7, 0.0); (465000.0, 3672850.0, 23.4, 23.4, 0.0);
(465050.0, 3672850.0, 24.8, 24.8, 0.0); (465100.0, 3672850.0, 26.4, 26.4, 0.0);
(465150.0, 3672850.0, 28.3, 28.3, 0.0); (465200.0, 3672850.0, 31.1, 40.5, 0.0);
(464400.0, 3672900.0, 14.1, 14.1, 0.0); (464450.0, 3672900.0, 14.3, 14.3, 0.0);
(464500.0, 3672900.0, 14.8, 14.8, 0.0); (464550.0, 3672900.0, 15.8, 18.8, 0.0);
(464600.0, 3672900.0, 17.4, 17.4, 0.0); (464650.0, 3672900.0, 19.4, 19.4, 0.0);
(464700.0, 3672900.0, 20.8, 20.8, 0.0); (464750.0, 3672900.0, 21.1, 21.1, 0.0);
(464800.0, 3672900.0, 21.1, 21.1, 0.0); (464850.0, 3672900.0, 21.9, 21.9, 0.0);
(464900.0, 3672900.0, 23.3, 23.3, 0.0); (464950.0, 3672900.0, 23.7, 23.7, 0.0);
(465000.0, 3672900.0, 25.0, 25.0, 0.0); (465050.0, 3672900.0, 26.3, 26.3, 0.0);
(465100.0, 3672900.0, 27.5, 27.5, 0.0); (465150.0, 3672900.0, 31.0, 31.6, 0.0);
(465200.0, 3672900.0, 32.0, 41.4, 0.0); (464150.0, 3672950.0, 4.1, 13.8, 0.0);
(464200.0, 3672950.0, 5.8, 13.8, 0.0); (464350.0, 3672950.0, 13.7, 13.7, 0.0);
(464400.0, 3672950.0, 14.3, 14.3, 0.0); (464450.0, 3672950.0, 14.7, 14.7, 0.0);
(464500.0, 3672950.0, 15.2, 15.2, 0.0); (464550.0, 3672950.0, 18.8, 18.8, 0.0);
(464600.0, 3672950.0, 18.8, 18.8, 0.0); (464650.0, 3672950.0, 20.3, 20.3, 0.0);
(464700.0, 3672950.0, 21.1, 21.1, 0.0); (464750.0, 3672950.0, 21.4, 21.4, 0.0);
(464800.0, 3672950.0, 21.5, 21.5, 0.0); (464850.0, 3672950.0, 22.6, 22.6, 0.0);
(464900.0, 3672950.0, 24.0, 24.0, 0.0); (464950.0, 3672950.0, 24.7, 24.7, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(465000.0, 3672950.0, 25.9, 25.9, 0.0); (465050.0, 3672950.0, 27.3, 27.3, 0.0);
(465100.0, 3672950.0, 29.5, 38.7, 0.0); (465150.0, 3672950.0, 32.5, 38.7, 0.0);
(465200.0, 3672950.0, 35.9, 39.4, 0.0); (464150.0, 3673000.0, 4.5, 14.6, 0.0);
(464200.0, 3673000.0, 13.1, 13.1, 0.0); (464250.0, 3673000.0, 13.7, 13.7, 0.0);
(464300.0, 3673000.0, 13.7, 13.7, 0.0); (464350.0, 3673000.0, 13.8, 13.8, 0.0);
(464400.0, 3673000.0, 14.7, 14.7, 0.0); (464450.0, 3673000.0, 14.9, 14.9, 0.0);
(464500.0, 3673000.0, 15.8, 15.8, 0.0); (464550.0, 3673000.0, 17.6, 17.6, 0.0);
(464600.0, 3673000.0, 18.9, 18.9, 0.0); (464650.0, 3673000.0, 20.2, 21.1, 0.0);
(464700.0, 3673000.0, 21.4, 21.4, 0.0); (464750.0, 3673000.0, 21.4, 21.4, 0.0);
(464800.0, 3673000.0, 22.3, 22.3, 0.0); (464850.0, 3673000.0, 24.2, 24.2, 0.0);
(464900.0, 3673000.0, 24.6, 24.6, 0.0); (464950.0, 3673000.0, 25.7, 25.7, 0.0);
(465000.0, 3673000.0, 27.2, 27.2, 0.0); (465050.0, 3673000.0, 28.9, 28.9, 0.0);
(465100.0, 3673000.0, 30.9, 38.8, 0.0); (465150.0, 3673000.0, 35.2, 40.8, 0.0);
(465200.0, 3673000.0, 38.6, 40.8, 0.0); (464100.0, 3673050.0, 5.5, 14.7, 0.0);
(464150.0, 3673050.0, 10.5, 14.5, 0.0); (464200.0, 3673050.0, 12.8, 12.8, 0.0);
(464250.0, 3673050.0, 13.5, 13.5, 0.0); (464300.0, 3673050.0, 13.8, 13.8, 0.0);
(464350.0, 3673050.0, 14.7, 14.7, 0.0); (464400.0, 3673050.0, 14.0, 14.5, 0.0);
(464450.0, 3673050.0, 15.4, 15.4, 0.0); (464500.0, 3673050.0, 16.6, 16.6, 0.0);
(464550.0, 3673050.0, 18.5, 18.5, 0.0); (464600.0, 3673050.0, 20.3, 20.3, 0.0);
(464650.0, 3673050.0, 21.2, 21.2, 0.0); (464700.0,

3673050.0, 21.7, 21.7, 0.0);
(464750.0, 3673050.0, 21.5, 21.5, 0.0); (464800.0, 3673050.0, 23.4, 23.4, 0.0);
(464850.0, 3673050.0, 24.6, 24.6, 0.0); (464900.0, 3673050.0, 25.4, 25.4, 0.0);
(464950.0, 3673050.0, 27.0, 27.0, 0.0); (465000.0, 3673050.0, 28.4, 28.4, 0.0);
(465050.0, 3673050.0, 30.2, 38.8, 0.0); (465100.0, 3673050.0, 34.4, 38.8, 0.0);
(465150.0, 3673050.0, 38.6, 38.6, 0.0); (465200.0, 3673050.0, 39.9, 39.9, 0.0);
(464050.0, 3673100.0, 4.3, 14.7, 0.0); (464100.0, 3673100.0, 5.8, 14.7, 0.0);
(464150.0, 3673100.0, 14.3, 14.3, 0.0); (464200.0, 3673100.0, 14.2, 14.2, 0.0);
(464250.0, 3673100.0, 14.0, 14.0, 0.0); (464300.0, 3673100.0, 14.3, 14.3, 0.0);
(464350.0, 3673100.0, 14.9, 14.9, 0.0); (464400.0, 3673100.0, 14.6, 14.6, 0.0);
(464450.0, 3673100.0, 15.8, 15.8, 0.0); (464500.0, 3673100.0, 17.1, 17.1, 0.0);
(464550.0, 3673100.0, 19.6, 19.6, 0.0); (464600.0, 3673100.0, 20.9, 20.9, 0.0);
(464650.0, 3673100.0, 21.3, 21.3, 0.0); (464700.0, 3673100.0, 21.6, 21.6, 0.0);
(464750.0, 3673100.0, 22.7, 22.7, 0.0); (464800.0, 3673100.0, 24.5, 24.5, 0.0);
(464850.0, 3673100.0, 25.2, 25.2, 0.0); (464900.0, 3673100.0, 26.5, 26.5, 0.0);
(464950.0, 3673100.0, 28.6, 28.6, 0.0); (465000.0, 3673100.0, 30.3, 30.3, 0.0);
(465050.0, 3673100.0, 32.1, 41.4, 0.0); (465100.0, 3673100.0, 37.0, 38.3, 0.0);
(465150.0, 3673100.0, 40.5, 41.4, 0.0); (465200.0, 3673100.0, 41.3, 41.3, 0.0);
(464050.0, 3673150.0, 6.0, 14.2, 0.0); (464100.0, 3673150.0, 12.5, 12.9, 0.0);
(464150.0, 3673150.0, 13.3, 13.3, 0.0); (464200.0, 3673150.0, 13.8, 13.8, 0.0);
(464250.0, 3673150.0, 14.0, 14.0, 0.0); (464300.0, 3673150.0, 14.9, 14.9, 0.0);
(464350.0, 3673150.0, 14.4, 14.4, 0.0); (464400.0, 3673150.0, 15.3, 15.3, 0.0);
(464450.0, 3673150.0, 16.3, 16.3, 0.0); (464500.0, 3673150.0, 18.6, 18.6, 0.0);
(464550.0, 3673150.0, 20.2, 20.2, 0.0); (464600.0, 3673150.0, 21.1, 21.1, 0.0);
(464650.0, 3673150.0, 21.5, 21.5, 0.0); (464700.0,

3673150.0, 22.0, 22.0, 0.0);
(464750.0, 3673150.0, 23.4, 23.4, 0.0); (464800.0, 3673150.0, 25.0, 25.0, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464850.0, 3673150.0, 25.5, 25.5, 0.0); (464900.0, 3673150.0, 27.1, 27.1, 0.0);
(464950.0, 3673150.0, 29.6, 29.6, 0.0); (465000.0, 3673150.0, 31.3, 31.3, 0.0);
(465050.0, 3673150.0, 34.6, 40.7, 0.0); (465100.0, 3673150.0, 38.2, 41.4, 0.0);
(465150.0, 3673150.0, 41.4, 41.4, 0.0); (465200.0, 3673150.0, 41.0, 41.0, 0.0);
(464000.0, 3673200.0, 5.2, 14.2, 0.0); (464050.0, 3673200.0, 11.4, 14.2, 0.0);
(464100.0, 3673200.0, 12.9, 12.9, 0.0); (464150.0, 3673200.0, 13.2, 13.2, 0.0);
(464200.0, 3673200.0, 13.7, 13.7, 0.0); (464250.0, 3673200.0, 14.6, 14.6, 0.0);
(464300.0, 3673200.0, 14.7, 14.7, 0.0); (464350.0, 3673200.0, 15.4, 15.4, 0.0);
(464400.0, 3673200.0, 15.9, 15.9, 0.0); (464450.0, 3673200.0, 17.2, 17.2, 0.0);
(464500.0, 3673200.0, 20.0, 20.0, 0.0); (464550.0, 3673200.0, 20.6, 20.6, 0.0);
(464600.0, 3673200.0, 20.9, 20.9, 0.0); (464650.0, 3673200.0, 21.3, 21.3, 0.0);
(464700.0, 3673200.0, 23.2, 23.2, 0.0); (464750.0, 3673200.0, 24.3, 24.3, 0.0);
(464800.0, 3673200.0, 25.7, 25.7, 0.0); (464850.0, 3673200.0, 27.0, 27.0, 0.0);
(464900.0, 3673200.0, 28.5, 29.8, 0.0); (464950.0, 3673200.0, 30.9, 30.9, 0.0);
(465000.0, 3673200.0, 32.9, 32.9, 0.0); (465050.0, 3673200.0, 36.8, 36.8, 0.0);
(465100.0, 3673200.0, 40.1, 40.6, 0.0); (465150.0, 3673200.0, 41.4, 41.4, 0.0);
(465200.0, 3673200.0, 39.4, 41.1, 0.0); (463950.0,

3673250.0, 4.9, 14.2, 0.0);
(464000.0, 3673250.0, 6.4, 13.7, 0.0); (464050.0, 3673250.0, 13.0, 13.0, 0.0);
(464100.0, 3673250.0, 13.1, 13.1, 0.0); (464150.0, 3673250.0, 13.3, 13.3, 0.0);
(464200.0, 3673250.0, 14.2, 14.2, 0.0); (464250.0, 3673250.0, 14.7, 14.7, 0.0);
(464300.0, 3673250.0, 15.0, 15.0, 0.0); (464350.0, 3673250.0, 15.5, 15.5, 0.0);
(464400.0, 3673250.0, 16.7, 18.1, 0.0); (464450.0, 3673250.0, 18.2, 18.2, 0.0);
(464500.0, 3673250.0, 19.9, 19.9, 0.0); (464550.0, 3673250.0, 21.3, 21.3, 0.0);
(464600.0, 3673250.0, 22.5, 22.5, 0.0); (464650.0, 3673250.0, 22.7, 22.7, 0.0);
(464700.0, 3673250.0, 24.0, 24.0, 0.0); (464750.0, 3673250.0, 25.6, 25.6, 0.0);
(464800.0, 3673250.0, 27.4, 27.4, 0.0); (464850.0, 3673250.0, 28.4, 28.4, 0.0);
(464900.0, 3673250.0, 30.4, 30.4, 0.0); (465050.0, 3673250.0, 37.8, 37.8, 0.0);
(465100.0, 3673250.0, 39.9, 39.9, 0.0); (465150.0, 3673250.0, 39.7, 41.1, 0.0);
(465200.0, 3673250.0, 38.1, 38.1, 0.0); (463950.0, 3673300.0, 4.8, 14.3, 0.0);
(464000.0, 3673300.0, 13.2, 13.2, 0.0); (464050.0, 3673300.0, 13.3, 13.3, 0.0);
(464100.0, 3673300.0, 13.4, 13.4, 0.0); (464150.0, 3673300.0, 14.0, 14.0, 0.0);
(464200.0, 3673300.0, 14.8, 14.8, 0.0); (464250.0, 3673300.0, 14.2, 14.2, 0.0);
(464300.0, 3673300.0, 15.2, 15.2, 0.0); (464350.0, 3673300.0, 16.0, 16.0, 0.0);
(464400.0, 3673300.0, 18.1, 18.1, 0.0); (464450.0, 3673300.0, 19.5, 19.5, 0.0);
(464500.0, 3673300.0, 20.2, 20.2, 0.0); (464550.0, 3673300.0, 20.5, 20.5, 0.0);
(464600.0, 3673300.0, 20.3, 23.3, 0.0); (464650.0, 3673300.0, 23.8, 23.8, 0.0);
(464700.0, 3673300.0, 24.7, 24.7, 0.0); (464750.0, 3673300.0, 25.8, 25.8, 0.0);
(464800.0, 3673300.0, 27.0, 27.0, 0.0); (464850.0, 3673300.0, 29.8, 29.8, 0.0);
(464900.0, 3673300.0, 31.2, 31.2, 0.0); (465050.0, 3673300.0, 39.1, 39.1, 0.0);
(465100.0, 3673300.0, 39.2, 39.2, 0.0); (465150.0, 3673300.0, 37.6, 37.6, 0.0);
(465200.0, 3673300.0, 37.6, 37.6, 0.0); (463900.0,

3673350.0, 4.4, 14.4, 0.0);
(463950.0, 3673350.0, 13.2, 14.1, 0.0); (464000.0, 3673350.0, 13.6, 13.6, 0.0);
(464050.0, 3673350.0, 13.6, 13.6, 0.0); (464100.0, 3673350.0, 13.8, 13.8, 0.0);
(464150.0, 3673350.0, 14.5, 14.5, 0.0); (464200.0, 3673350.0, 14.0, 14.0, 0.0);
(464250.0, 3673350.0, 15.0, 15.0, 0.0); (464300.0, 3673350.0, 15.6, 15.6, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464350.0, 3673350.0, 17.4, 17.4, 0.0); (464400.0, 3673350.0, 19.0, 19.0, 0.0);
(464450.0, 3673350.0, 19.8, 19.8, 0.0); (464500.0, 3673350.0, 21.2, 21.2, 0.0);
(464550.0, 3673350.0, 21.1, 21.1, 0.0); (464600.0, 3673350.0, 22.7, 22.7, 0.0);
(464650.0, 3673350.0, 24.0, 24.0, 0.0); (464700.0, 3673350.0, 25.9, 25.9, 0.0);
(464750.0, 3673350.0, 26.2, 26.2, 0.0); (464800.0, 3673350.0, 28.1, 30.6, 0.0);
(464850.0, 3673350.0, 31.2, 32.6, 0.0); (464900.0, 3673350.0, 34.4, 34.4, 0.0);
(465100.0, 3673350.0, 38.1, 38.1, 0.0); (465150.0, 3673350.0, 37.2, 37.2, 0.0);
(465200.0, 3673350.0, 37.2, 37.2, 0.0); (463850.0, 3673400.0, 4.4, 14.5, 0.0);
(463900.0, 3673400.0, 6.5, 14.5, 0.0); (463950.0, 3673400.0, 13.9, 13.9, 0.0);
(464000.0, 3673400.0, 13.6, 13.6, 0.0); (464050.0, 3673400.0, 13.6, 13.6, 0.0);
(464100.0, 3673400.0, 14.3, 14.3, 0.0); (464150.0, 3673400.0, 14.4, 14.4, 0.0);
(464200.0, 3673400.0, 14.9, 14.9, 0.0); (464250.0, 3673400.0, 15.3, 15.3, 0.0);
(464300.0, 3673400.0, 16.1, 16.1, 0.0); (464350.0, 3673400.0, 18.6, 18.6, 0.0);
(464400.0, 3673400.0, 19.4, 19.4, 0.0); (464450.0,

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(464500.0, 3673400.0, 20.7, 20.7, 0.0); (464550.0, 3673400.0, 21.7, 21.7, 0.0);
(464600.0, 3673400.0, 23.5, 23.5, 0.0); (464650.0, 3673400.0, 25.4, 25.4, 0.0);
(464700.0, 3673400.0, 25.9, 25.9, 0.0); (464750.0, 3673400.0, 27.6, 27.6, 0.0);
(464800.0, 3673400.0, 30.4, 30.4, 0.0); (464850.0, 3673400.0, 33.9, 34.5, 0.0);
(464900.0, 3673400.0, 37.1, 37.1, 0.0); (465200.0, 3673400.0, 36.7, 36.7, 0.0);
(463850.0, 3673450.0, 4.5, 14.5, 0.0); (463900.0, 3673450.0, 14.3, 14.3, 0.0);
(463950.0, 3673450.0, 13.9, 13.9, 0.0); (464000.0, 3673450.0, 13.9, 13.9, 0.0);
(464050.0, 3673450.0, 12.3, 14.7, 0.0); (464100.0, 3673450.0, 14.4, 14.4, 0.0);
(464150.0, 3673450.0, 14.2, 14.2, 0.0); (464200.0, 3673450.0, 15.4, 15.4, 0.0);
(464250.0, 3673450.0, 15.8, 17.4, 0.0); (464300.0, 3673450.0, 17.6, 19.1, 0.0);
(464350.0, 3673450.0, 19.1, 19.1, 0.0); (464400.0, 3673450.0, 19.9, 19.9, 0.0);
(464450.0, 3673450.0, 20.9, 20.9, 0.0); (464500.0, 3673450.0, 21.4, 21.4, 0.0);
(464550.0, 3673450.0, 22.8, 22.8, 0.0); (464600.0, 3673450.0, 25.0, 25.0, 0.0);
(464650.0, 3673450.0, 25.9, 25.9, 0.0); (464700.0, 3673450.0, 26.6, 26.6, 0.0);
(464750.0, 3673450.0, 28.6, 28.6, 0.0); (464800.0, 3673450.0, 31.9, 31.9, 0.0);
(464850.0, 3673450.0, 35.5, 37.1, 0.0); (464950.0, 3673450.0, 37.1, 37.1, 0.0);
(465000.0, 3673450.0, 36.9, 36.9, 0.0); (463800.0, 3673500.0, 4.2, 14.5, 0.0);
(463850.0, 3673500.0, 12.6, 14.1, 0.0); (463900.0, 3673500.0, 13.7, 13.7, 0.0);
(463950.0, 3673500.0, 13.9, 13.9, 0.0); (464000.0, 3673500.0, 12.6, 12.6, 0.0);
(464050.0, 3673500.0, 14.8, 14.8, 0.0); (464100.0, 3673500.0, 14.4, 14.4, 0.0);
(464150.0, 3673500.0, 14.9, 14.9, 0.0); (464200.0, 3673500.0, 15.5, 15.5, 0.0);
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(464350.0, 3673500.0, 19.7, 19.7, 0.0); (464400.0, 3673500.0, 20.9, 20.9, 0.0);
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3673500.0, 22.3, 22.3, 0.0);
(464550.0, 3673500.0, 24.1, 24.1, 0.0); (464600.0, 3673500.0, 25.4, 25.4, 0.0);
(464650.0, 3673500.0, 26.0, 26.0, 0.0); (464700.0, 3673500.0, 28.6, 28.6, 0.0);
(464750.0, 3673500.0, 30.0, 32.0, 0.0); (464800.0, 3673500.0, 33.5, 33.5, 0.0);
(465000.0, 3673500.0, 37.0, 37.0, 0.0); (465050.0, 3673500.0, 37.1, 37.1, 0.0);
(463750.0, 3673550.0, 4.5, 4.5, 0.0); (463800.0, 3673550.0, 5.4, 14.2, 0.0);
(463850.0, 3673550.0, 11.9, 11.9, 0.0); (463900.0, 3673550.0, 14.2, 14.2, 0.0);
(463950.0, 3673550.0, 12.8, 13.1, 0.0); (464000.0, 3673550.0, 13.6, 13.9, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464050.0, 3673550.0, 13.0, 14.7, 0.0); (464100.0, 3673550.0, 14.7, 14.7, 0.0);
(464150.0, 3673550.0, 15.3, 15.3, 0.0); (464200.0, 3673550.0, 17.0, 17.0, 0.0);
(464250.0, 3673550.0, 18.0, 18.0, 0.0); (464300.0, 3673550.0, 19.2, 19.2, 0.0);
(464350.0, 3673550.0, 20.8, 20.8, 0.0); (464400.0, 3673550.0, 21.0, 21.0, 0.0);
(464450.0, 3673550.0, 21.9, 21.9, 0.0); (464500.0, 3673550.0, 22.7, 22.7, 0.0);
(464550.0, 3673550.0, 24.4, 24.4, 0.0); (464600.0, 3673550.0, 25.2, 25.2, 0.0);
(464650.0, 3673550.0, 26.8, 28.6, 0.0); (464700.0, 3673550.0, 29.7, 29.7, 0.0);
(464750.0, 3673550.0, 32.6, 32.6, 0.0); (464800.0, 3673550.0, 35.3, 35.3, 0.0);
(464850.0, 3673550.0, 38.5, 38.5, 0.0); (464900.0, 3673550.0, 39.5, 39.5, 0.0);
(464950.0, 3673550.0, 37.2, 39.9, 0.0); (465000.0, 3673550.0, 37.5, 37.5, 0.0);
(465050.0, 3673550.0, 37.0, 37.0, 0.0); (465100.0,

3673550.0, 36.9, 36.9, 0.0);
(463650.0, 3673600.0, 4.7, 7.7, 0.0); (463700.0, 3673600.0, 4.6, 4.6, 0.0);
(463750.0, 3673600.0, 4.5, 4.5, 0.0); (463800.0, 3673600.0, 8.8, 8.8, 0.0);
(463850.0, 3673600.0, 9.2, 14.1, 0.0); (463900.0, 3673600.0, 8.8, 14.4, 0.0);
(463950.0, 3673600.0, 10.2, 14.0, 0.0); (464000.0, 3673600.0, 14.1, 14.1, 0.0);
(464050.0, 3673600.0, 14.9, 14.9, 0.0); (464100.0, 3673600.0, 15.1, 15.1, 0.0);
(464150.0, 3673600.0, 15.7, 15.7, 0.0); (464200.0, 3673600.0, 17.2, 17.2, 0.0);
(464250.0, 3673600.0, 19.1, 19.1, 0.0); (464300.0, 3673600.0, 20.2, 20.2, 0.0);
(464350.0, 3673600.0, 20.6, 20.6, 0.0); (464400.0, 3673600.0, 21.9, 21.9, 0.0);
(464450.0, 3673600.0, 23.1, 23.1, 0.0); (464500.0, 3673600.0, 24.1, 24.1, 0.0);
(464550.0, 3673600.0, 24.5, 24.5, 0.0); (464600.0, 3673600.0, 25.8, 25.8, 0.0);
(464650.0, 3673600.0, 28.1, 28.1, 0.0); (464700.0, 3673600.0, 31.2, 31.2, 0.0);
(464750.0, 3673600.0, 33.6, 33.6, 0.0); (464800.0, 3673600.0, 36.8, 40.8, 0.0);
(464850.0, 3673600.0, 40.5, 40.5, 0.0); (464900.0, 3673600.0, 39.8, 39.8, 0.0);
(464950.0, 3673600.0, 38.8, 38.8, 0.0); (465000.0, 3673600.0, 38.8, 40.0, 0.0);
(463600.0, 3673650.0, 4.4, 4.4, 0.0); (463650.0, 3673650.0, 5.6, 8.6, 0.0);
(463700.0, 3673650.0, 7.0, 7.0, 0.0); (463750.0, 3673650.0, 5.3, 10.9, 0.0);
(463800.0, 3673650.0, 6.6, 9.6, 0.0); (463850.0, 3673650.0, 8.1, 9.0, 0.0);
(463900.0, 3673650.0, 8.3, 15.0, 0.0); (463950.0, 3673650.0, 12.7, 14.4, 0.0);
(464000.0, 3673650.0, 14.3, 14.3, 0.0); (464050.0, 3673650.0, 14.6, 14.6, 0.0);
(464100.0, 3673650.0, 15.5, 15.5, 0.0); (464150.0, 3673650.0, 16.5, 16.5, 0.0);
(464200.0, 3673650.0, 18.7, 18.7, 0.0); (464250.0, 3673650.0, 19.4, 19.4, 0.0);
(464300.0, 3673650.0, 20.7, 20.7, 0.0); (464350.0, 3673650.0, 21.9, 21.9, 0.0);
(464400.0, 3673650.0, 23.1, 23.1, 0.0); (464450.0, 3673650.0, 23.8, 23.8, 0.0);
(464500.0, 3673650.0, 25.0, 25.0, 0.0); (464550.0,

3673650.0, 25.5, 25.5, 0.0);
(464600.0, 3673650.0, 27.2, 27.2, 0.0); (464650.0, 3673650.0, 28.8, 28.8, 0.0);
(464700.0, 3673650.0, 31.8, 40.7, 0.0); (464750.0, 3673650.0, 35.0, 40.5, 0.0);
(464800.0, 3673650.0, 39.5, 39.8, 0.0); (464850.0, 3673650.0, 40.9, 40.9, 0.0);
(464900.0, 3673650.0, 39.1, 41.5, 0.0); (464950.0, 3673650.0, 36.9, 39.0, 0.0);
(465200.0, 3673650.0, 36.4, 36.4, 0.0); (463600.0, 3673700.0, 4.5, 4.5, 0.0);
(463650.0, 3673700.0, 6.1, 6.9, 0.0); (463700.0, 3673700.0, 7.6, 7.6, 0.0);
(463750.0, 3673700.0, 6.2, 10.9, 0.0); (463800.0, 3673700.0, 10.5, 10.5, 0.0);
(463950.0, 3673700.0, 15.0, 15.0, 0.0); (464000.0, 3673700.0, 15.1, 15.1, 0.0);
(464050.0, 3673700.0, 15.4, 15.4, 0.0); (464100.0, 3673700.0, 16.0, 16.0, 0.0);
(464150.0, 3673700.0, 17.8, 17.8, 0.0); (464200.0, 3673700.0, 18.9, 18.9, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** *** *** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464250.0, 3673700.0, 19.9, 19.9, 0.0); (464300.0, 3673700.0, 20.9, 20.9, 0.0);
(464350.0, 3673700.0, 22.2, 22.2, 0.0); (464400.0, 3673700.0, 23.4, 23.4, 0.0);
(464450.0, 3673700.0, 25.1, 25.1, 0.0); (464500.0, 3673700.0, 25.3, 25.3, 0.0);
(464550.0, 3673700.0, 26.5, 26.5, 0.0); (464600.0, 3673700.0, 28.0, 28.0, 0.0);
(464650.0, 3673700.0, 31.0, 31.0, 0.0); (464700.0, 3673700.0, 33.9, 41.7, 0.0);
(464750.0, 3673700.0, 38.2, 41.7, 0.0); (464800.0, 3673700.0, 41.2, 41.2, 0.0);
(464850.0, 3673700.0, 40.1, 40.1, 0.0); (465200.0, 3673700.0, 37.4, 37.4, 0.0);
(463650.0, 3673750.0, 4.7, 4.7, 0.0); (463700.0,

3673750.0, 6.1, 10.0, 0.0);
(463750.0, 3673750.0, 9.3, 9.3, 0.0); (463800.0, 3673750.0, 8.8, 8.8, 0.0);
(463900.0, 3673750.0, 12.1, 15.6, 0.0); (463950.0, 3673750.0, 15.4, 15.4, 0.0);
(464000.0, 3673750.0, 15.7, 15.7, 0.0); (464050.0, 3673750.0, 16.8, 16.8, 0.0);
(464100.0, 3673750.0, 16.9, 16.9, 0.0); (464150.0, 3673750.0, 17.1, 17.1, 0.0);
(464200.0, 3673750.0, 19.2, 19.2, 0.0); (464250.0, 3673750.0, 19.9, 19.9, 0.0);
(464300.0, 3673750.0, 21.2, 21.2, 0.0); (464350.0, 3673750.0, 22.7, 22.7, 0.0);
(464400.0, 3673750.0, 24.2, 24.2, 0.0); (464450.0, 3673750.0, 26.0, 32.8, 0.0);
(464500.0, 3673750.0, 26.6, 34.8, 0.0); (464550.0, 3673750.0, 27.9, 27.9, 0.0);
(464600.0, 3673750.0, 30.1, 30.1, 0.0); (464650.0, 3673750.0, 33.4, 33.4, 0.0);
(464700.0, 3673750.0, 36.7, 36.7, 0.0); (464750.0, 3673750.0, 38.5, 41.7, 0.0);
(465150.0, 3673750.0, 36.4, 36.4, 0.0); (465200.0, 3673750.0, 38.1, 38.1, 0.0);
(463750.0, 3673800.0, 8.1, 9.3, 0.0); (463800.0, 3673800.0, 8.9, 8.9, 0.0);
(463900.0, 3673800.0, 7.2, 16.3, 0.0); (463950.0, 3673800.0, 15.7, 15.7, 0.0);
(464000.0, 3673800.0, 16.2, 16.2, 0.0); (464050.0, 3673800.0, 16.3, 16.3, 0.0);
(464100.0, 3673800.0, 16.8, 16.8, 0.0); (464150.0, 3673800.0, 17.8, 17.8, 0.0);
(464200.0, 3673800.0, 18.5, 18.5, 0.0); (464300.0, 3673800.0, 22.2, 22.2, 0.0);
(464350.0, 3673800.0, 22.4, 22.4, 0.0); (464400.0, 3673800.0, 24.8, 34.9, 0.0);
(464450.0, 3673800.0, 28.7, 35.1, 0.0); (464500.0, 3673800.0, 28.1, 35.1, 0.0);
(464550.0, 3673800.0, 29.4, 35.0, 0.0); (465100.0, 3673800.0, 36.2, 36.2, 0.0);
(465150.0, 3673800.0, 37.4, 37.4, 0.0); (465200.0, 3673800.0, 38.4, 38.4, 0.0);
(463900.0, 3673850.0, 5.5, 16.7, 0.0); (463950.0, 3673850.0, 9.7, 16.9, 0.0);
(464000.0, 3673850.0, 16.5, 16.5, 0.0); (464200.0, 3673850.0, 18.7, 18.7, 0.0);
(464750.0, 3673850.0, 37.2, 37.2, 0.0); (464800.0, 3673850.0, 36.9, 37.6, 0.0);
(465100.0, 3673850.0, 37.4, 37.4, 0.0); (465150.0,

3673850.0, 38.2, 38.2, 0.0);
(465200.0, 3673850.0, 39.0, 39.0, 0.0); (463950.0, 3673900.0, 6.1, 17.4, 0.0);
(464000.0, 3673900.0, 16.0, 16.2, 0.0); (464200.0, 3673900.0, 18.9, 18.9, 0.0);
(464650.0, 3673900.0, 36.5, 36.5, 0.0); (464700.0, 3673900.0, 36.9, 36.9, 0.0);
(464750.0, 3673900.0, 37.0, 37.0, 0.0); (465100.0, 3673900.0, 38.0, 38.0, 0.0);
(465150.0, 3673900.0, 38.8, 38.8, 0.0); (465200.0, 3673900.0, 39.4, 39.4, 0.0);
(463500.0, 3673950.0, 4.1, 4.1, 0.0); (464000.0, 3673950.0, 8.4, 17.6, 0.0);
(464200.0, 3673950.0, 20.1, 20.1, 0.0); (464550.0, 3673950.0, 35.5, 38.8, 0.0);
(464600.0, 3673950.0, 36.4, 36.4, 0.0); (464650.0, 3673950.0, 36.1, 36.1, 0.0);
(464700.0, 3673950.0, 36.5, 36.5, 0.0); (465100.0, 3673950.0, 38.2, 38.2, 0.0);
(465150.0, 3673950.0, 39.2, 39.2, 0.0); (465200.0, 3673950.0, 40.2, 40.2, 0.0);
(463450.0, 3674000.0, 4.2, 4.2, 0.0); (463500.0, 3674000.0, 1.5, 4.3, 0.0);
(463550.0, 3674000.0, 1.4, 1.4, 0.0); (463600.0, 3674000.0, 2.8, 2.8, 0.0);
(464050.0, 3674000.0, 16.3, 17.6, 0.0); (464100.0, 3674000.0, 17.3, 17.3, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(464150.0, 3674000.0, 18.3, 18.3, 0.0); (464200.0, 3674000.0, 19.3, 19.3, 0.0);
(464550.0, 3674000.0, 35.5, 35.5, 0.0); (464600.0, 3674000.0, 35.8, 35.8, 0.0);
(464650.0, 3674000.0, 36.2, 36.2, 0.0); (465100.0, 3674000.0, 38.5, 38.5, 0.0);
(465150.0, 3674000.0, 40.0, 40.0, 0.0); (465200.0, 3674000.0, 40.9, 40.9, 0.0);
(463400.0, 3674050.0, 4.5, 4.5, 0.0); (463450.0,

3674050.0, 1.7, 4.6, 0.0);
(463500.0, 3674050.0, 1.4, 1.4, 0.0); (463550.0, 3674050.0, 1.4, 1.4, 0.0);
(463600.0, 3674050.0, 1.4, 1.4, 0.0); (463650.0, 3674050.0, 2.4, 2.9, 0.0);
(464150.0, 3674050.0, 18.7, 18.7, 0.0); (464500.0, 3674050.0, 32.0, 35.0, 0.0);
(464550.0, 3674050.0, 34.6, 34.6, 0.0); (464600.0, 3674050.0, 35.2, 35.2, 0.0);
(465100.0, 3674050.0, 38.4, 38.4, 0.0); (465150.0, 3674050.0, 39.9, 39.9, 0.0);
(465200.0, 3674050.0, 41.6, 41.6, 0.0); (463400.0, 3674100.0, 2.6, 3.9, 0.0);
(463550.0, 3674100.0, 1.4, 1.4, 0.0); (463600.0, 3674100.0, 1.4, 1.4, 0.0);
(463650.0, 3674100.0, 1.4, 1.4, 0.0); (463700.0, 3674100.0, 1.4, 2.9, 0.0);
(464500.0, 3674100.0, 34.1, 34.1, 0.0); (464550.0, 3674100.0, 33.8, 33.8, 0.0);
(465100.0, 3674100.0, 38.3, 38.3, 0.0); (465150.0, 3674100.0, 39.4, 39.4, 0.0);
(465200.0, 3674100.0, 42.5, 42.5, 0.0); (463350.0, 3674150.0, 3.6, 3.6, 0.0);
(463500.0, 3674150.0, 1.4, 1.4, 0.0); (463550.0, 3674150.0, 1.4, 1.4, 0.0);
(463600.0, 3674150.0, 1.4, 1.4, 0.0); (463700.0, 3674150.0, 1.4, 9.1, 0.0);
(464500.0, 3674150.0, 33.2, 33.2, 0.0); (464550.0, 3674150.0, 33.4, 33.4, 0.0);
(465100.0, 3674150.0, 35.1, 38.9, 0.0); (465150.0, 3674150.0, 39.1, 39.1, 0.0);
(465200.0, 3674150.0, 39.8, 39.8, 0.0); (463300.0, 3674200.0, 3.8, 3.8, 0.0);
(463450.0, 3674200.0, 1.4, 13.5, 0.0); (463500.0, 3674200.0, 1.4, 13.6, 0.0);
(463550.0, 3674200.0, 1.4, 14.1, 0.0); (463600.0, 3674200.0, 1.4, 14.7, 0.0);
(463650.0, 3674200.0, 1.4, 14.7, 0.0); (463700.0, 3674200.0, 1.4, 14.7, 0.0);
(464450.0, 3674200.0, 29.4, 32.8, 0.0); (464500.0, 3674200.0, 32.5, 32.5, 0.0);
(465200.0, 3674200.0, 39.3, 39.3, 0.0); (463300.0, 3674250.0, 1.4, 1.4, 0.0);
(463400.0, 3674250.0, 1.4, 13.5, 0.0); (463450.0, 3674250.0, 3.2, 13.6, 0.0);
(463500.0, 3674250.0, 2.8, 14.2, 0.0); (463550.0, 3674250.0, 2.8, 14.7, 0.0);
(465100.0, 3674250.0, 38.0, 38.0, 0.0); (465150.0,

3674250.0, 39.6, 39.6, 0.0);
(465200.0, 3674250.0, 40.8, 40.8, 0.0); (463350.0, 3674300.0, 1.4, 13.4, 0.0);
(463400.0, 3674300.0, 3.9, 13.5, 0.0); (463450.0, 3674300.0, 11.1, 13.3, 0.0);
(463500.0, 3674300.0, 9.9, 13.6, 0.0); (463550.0, 3674300.0, 8.6, 14.4, 0.0);
(463700.0, 3674300.0, 8.3, 16.2, 0.0); (463800.0, 3674300.0, 8.1, 16.9, 0.0);
(463850.0, 3674300.0, 8.3, 18.2, 0.0); (463900.0, 3674300.0, 9.2, 20.5, 0.0);
(463950.0, 3674300.0, 10.6, 20.5, 0.0); (464000.0, 3674300.0, 7.5, 21.4, 0.0);
(465150.0, 3674300.0, 40.0, 40.0, 0.0); (465200.0, 3674300.0, 41.3, 41.3, 0.0);
(463300.0, 3674350.0, 1.4, 13.1, 0.0); (463350.0, 3674350.0, 3.4, 13.3, 0.0);
(463400.0, 3674350.0, 12.8, 12.8, 0.0); (463450.0, 3674350.0, 12.6, 12.6, 0.0);
(463500.0, 3674350.0, 13.1, 13.1, 0.0); (463550.0, 3674350.0, 13.8, 13.8, 0.0);
(463600.0, 3674350.0, 14.3, 14.3, 0.0); (463650.0, 3674350.0, 13.8, 13.8, 0.0);
(463700.0, 3674350.0, 14.7, 14.7, 0.0); (463750.0, 3674350.0, 15.2, 15.2, 0.0);
(463800.0, 3674350.0, 15.4, 15.4, 0.0); (463850.0, 3674350.0, 13.6, 15.8, 0.0);
(463900.0, 3674350.0, 15.8, 15.8, 0.0); (465050.0, 3674350.0, 39.0, 39.0, 0.0);
(465100.0, 3674350.0, 39.5, 39.5, 0.0); (465150.0, 3674350.0, 40.6, 40.6, 0.0);
(465200.0, 3674350.0, 40.7, 40.7, 0.0); (463300.0, 3674400.0, 3.0, 12.8, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(463350.0, 3674400.0, 12.6, 12.6, 0.0); (463400.0, 3674400.0, 12.1, 12.1, 0.0);
(463450.0, 3674400.0, 12.8, 12.8, 0.0); (463500.0,

3674400.0, 13.5, 13.5, 0.0);
(463550.0, 3674400.0, 13.7, 13.7, 0.0); (463600.0, 3674400.0, 14.8, 15.9, 0.0);
(463700.0, 3674400.0, 16.0, 20.4, 0.0); (463750.0, 3674400.0, 16.4, 16.4, 0.0);
(463800.0, 3674400.0, 16.7, 16.7, 0.0); (463850.0, 3674400.0, 16.2, 16.2, 0.0);
(463900.0, 3674400.0, 18.2, 18.2, 0.0); (463950.0, 3674400.0, 20.0, 20.0, 0.0);
(464150.0, 3674400.0, 21.3, 21.7, 0.0); (465050.0, 3674400.0, 38.8, 38.8, 0.0);
(465100.0, 3674400.0, 39.4, 39.4, 0.0); (465150.0, 3674400.0, 40.0, 40.0, 0.0);
(465200.0, 3674400.0, 40.2, 40.2, 0.0); (463250.0, 3674450.0, 3.0, 12.6, 0.0);
(463300.0, 3674450.0, 11.9, 11.9, 0.0); (463350.0, 3674450.0, 12.2, 12.2, 0.0);
(463400.0, 3674450.0, 12.4, 12.4, 0.0); (463450.0, 3674450.0, 13.3, 13.3, 0.0);
(463500.0, 3674450.0, 13.3, 13.3, 0.0); (463550.0, 3674450.0, 14.2, 14.2, 0.0);
(463600.0, 3674450.0, 15.8, 15.8, 0.0); (463750.0, 3674450.0, 17.6, 20.5, 0.0);
(463800.0, 3674450.0, 16.7, 16.7, 0.0); (463850.0, 3674450.0, 17.2, 17.2, 0.0);
(463900.0, 3674450.0, 19.5, 19.5, 0.0); (463950.0, 3674450.0, 21.1, 21.1, 0.0);
(464100.0, 3674450.0, 24.9, 24.9, 0.0); (464150.0, 3674450.0, 24.2, 24.2, 0.0);
(464200.0, 3674450.0, 24.0, 24.0, 0.0); (465050.0, 3674450.0, 37.8, 37.8, 0.0);
(465100.0, 3674450.0, 38.9, 38.9, 0.0); (465150.0, 3674450.0, 39.4, 39.4, 0.0);
(465200.0, 3674450.0, 39.7, 39.7, 0.0); (463200.0, 3674500.0, 1.4, 12.6, 0.0);
(463250.0, 3674500.0, 3.0, 12.6, 0.0); (463300.0, 3674500.0, 12.5, 12.5, 0.0);
(463350.0, 3674500.0, 11.8, 11.8, 0.0); (463400.0, 3674500.0, 12.4, 12.4, 0.0);
(463450.0, 3674500.0, 13.6, 13.6, 0.0); (463500.0, 3674500.0, 14.4, 14.4, 0.0);
(463550.0, 3674500.0, 14.4, 14.4, 0.0); (463800.0, 3674500.0, 17.5, 17.5, 0.0);
(463850.0, 3674500.0, 17.8, 17.8, 0.0); (463900.0, 3674500.0, 20.5, 20.5, 0.0);
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(463100.0, 3674550.0, 1.4, 1.4, 0.0); (463200.0, 3674550.0, 1.4, 12.5, 0.0);
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(463350.0, 3674550.0, 11.9, 11.9, 0.0); (463400.0, 3674550.0, 12.4, 12.4, 0.0);
(463450.0, 3674550.0, 13.5, 13.5, 0.0); (463500.0, 3674550.0, 14.6, 14.6, 0.0);
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(463900.0, 3674550.0, 21.3, 21.3, 0.0); (464050.0, 3674550.0, 23.8, 23.8, 0.0);
(464100.0, 3674550.0, 24.7, 24.7, 0.0); (464150.0, 3674550.0, 25.1, 25.1, 0.0);
(464200.0, 3674550.0, 27.7, 27.7, 0.0); (464250.0, 3674550.0, 29.2, 29.2, 0.0);
(464300.0, 3674550.0, 29.3, 29.3, 0.0); (464950.0, 3674550.0, 22.2, 38.9, 0.0);
(465000.0, 3674550.0, 23.5, 40.8, 0.0); (465050.0, 3674550.0, 30.9, 38.9, 0.0);
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(463450.0, 3674600.0, 12.5, 12.5, 0.0); (463500.0, 3674600.0, 13.3, 13.3, 0.0);
(463550.0, 3674600.0, 13.9, 13.9, 0.0); (463600.0, 3674600.0, 14.8, 14.8, 0.0);
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(464150.0, 3674600.0, 26.0, 26.0, 0.0); (464200.0, 3674600.0, 29.1, 29.1, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** *** *** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***

(464250.0, 3674600.0, 31.1, 31.1, 0.0); (464300.0, 3674600.0, 30.6, 30.6, 0.0);
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(465050.0, 3674600.0, 38.6, 38.6, 0.0); (465100.0, 3674600.0, 38.7, 38.7, 0.0);
(463000.0, 3674650.0, 1.4, 1.4, 0.0); (463050.0, 3674650.0, 1.4, 1.4, 0.0);
(463100.0, 3674650.0, 1.4, 1.4, 0.0); (463200.0, 3674650.0, 1.4, 11.8, 0.0);
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(463600.0, 3674750.0, 14.4, 14.4, 0.0); (464100.0, 3674750.0, 26.4, 26.4, 0.0);
(464150.0, 3674750.0, 28.6, 28.6, 0.0); (464200.0, 3674750.0, 31.4, 31.4, 0.0);
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(463100.0, 3674800.0, 2.7, 2.7, 0.0); (463150.0, 3674800.0, 1.4, 1.4, 0.0);
(463200.0, 3674800.0, 1.4, 12.7, 0.0); (463250.0, 3674800.0, 4.5, 12.8, 0.0);
(463300.0, 3674800.0, 12.4, 12.4, 0.0); (463350.0, 3674800.0, 12.1, 12.1, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

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

(463400.0, 3674800.0, 11.8, 13.0, 0.0); (463450.0, 3674800.0, 13.1, 13.1, 0.0);
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(464150.0, 3674800.0, 30.9, 30.9, 0.0); (464200.0, 3674800.0, 31.1, 31.1, 0.0);
(464250.0, 3674800.0, 31.2, 31.2, 0.0); (464400.0, 3674800.0, 7.5, 43.6, 0.0);
(464450.0, 3674800.0, 7.1, 44.9, 0.0); (464500.0, 3674800.0, 6.4, 45.6, 0.0);
(465100.0, 3674800.0, 36.1, 42.6, 0.0); (465150.0, 3674800.0, 42.5, 42.5, 0.0);
(465200.0, 3674800.0, 43.0, 43.0, 0.0); (463000.0, 3674850.0, 3.0, 3.0, 0.0);
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(463150.0, 3674850.0, 1.4, 1.4, 0.0); (463200.0, 3674850.0, 1.4, 13.1, 0.0);
(463250.0, 3674850.0, 3.1, 13.2, 0.0); (463300.0, 3674850.0, 12.7, 12.7, 0.0);
(463350.0, 3674850.0, 12.6, 12.6, 0.0); (463400.0, 3674850.0, 12.8, 12.8, 0.0);
(463450.0, 3674850.0, 13.3, 13.3, 0.0); (463500.0, 3674850.0, 14.7, 15.7, 0.0);
(463550.0, 3674850.0, 15.6, 15.6, 0.0); (464200.0, 3674850.0, 31.5, 31.5, 0.0);
(464250.0, 3674850.0, 25.4, 32.3, 0.0); (464300.0, 3674850.0, 7.9, 43.6, 0.0);
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(465150.0, 3674850.0, 35.7, 43.2, 0.0); (465200.0, 3674850.0, 42.2, 42.2, 0.0);
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(463100.0, 3674900.0, 1.4, 3.1, 0.0); (463150.0, 3674900.0, 1.4, 1.4, 0.0);
(463200.0, 3674900.0, 1.4, 13.2, 0.0); (463250.0,

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(464400.0, 3674900.0, 8.6, 46.1, 0.0); (464450.0, 3674900.0, 21.3, 32.3, 0.0);
(464500.0, 3674900.0, 22.5, 41.2, 0.0); (464550.0, 3674900.0, 23.2, 42.6, 0.0);
(464600.0, 3674900.0, 22.5, 42.6, 0.0); (464650.0, 3674900.0, 21.5, 43.2, 0.0);
(463000.0, 3674950.0, 6.3, 6.3, 0.0); (463050.0, 3674950.0, 5.4, 5.4, 0.0);
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(463300.0, 3674950.0, 9.1, 12.8, 0.0); (463350.0, 3674950.0, 12.9, 12.9, 0.0);
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(463500.0, 3674950.0, 15.8, 15.8, 0.0); (463550.0, 3674950.0, 16.0, 16.0, 0.0);
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(464500.0, 3674950.0, 24.6, 43.1, 0.0); (464550.0, 3674950.0, 24.1, 43.6, 0.0);
(464600.0, 3674950.0, 24.1, 43.3, 0.0); (464650.0, 3674950.0, 27.4, 29.1, 0.0);
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** *** *** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** METEOROLOGICAL DAYS SELECTED FOR PROCESSING ***
(1=YES; 0=NO)

1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

```
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1  1 1 1
1 1 1 1 1 1 1  1 1 1 1 1 1 1 1 1 1
            1 1 1 1 1 1 1 1 1 1  1 1 1 1 1

                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  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 137
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

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

   Surface file:   C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR
2019.04\HRA\Met\CM   Met Version:  16216
   Profile file:   C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR
2019.04\HRA\Met\CM
   Surface format: FREE

   Profile format: FREE

   Surface station no.:     3177                Upper air station no.:     3190
                  Name: UNKNOWN                                 Name: UNKNOWN
```

First 24 hours of scalar data

```
 YR MO DY JDY HR     H0     U*     W*  DT/DZ ZICNV ZIMCH  M-O LEN    Z0  BOWEN
ALBEDO  REF WS   WD     HT  REF TA     HT
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - -
 10 01 01   1 01  -28.6  0.283 -9.000 -9.000 -999.  362.     88.3  0.25   0.41
1.00    2.68   47.   10.0  283.1   10.0
 10 01 01   1 02  -28.6  0.283 -9.000 -9.000 -999.  362.     88.3  0.25   0.41
1.00    2.68   46.   10.0  283.1   10.0
 10 01 01   1 03  -24.2  0.240 -9.000 -9.000 -999.  282.     63.1  0.26   0.41
1.00    2.24   28.   10.0  283.1   10.0
 10 01 01   1 04  -24.2  0.240 -9.000 -9.000 -999.  281.     63.1  0.26   0.41
1.00    2.24   26.   10.0  283.1   10.0
 10 01 01   1 05  -17.4  0.189 -9.000 -9.000 -999.  198.     39.2  0.26   0.41
1.00    1.79   28.   10.0  283.8   10.0
 10 01 01   1 06  -23.7  0.235 -9.000 -9.000 -999.  273.     60.7  0.25   0.41
1.00    2.24   50.   10.0  282.5   10.0
 10 01 01   1 07  -23.8  0.235 -9.000 -9.000 -999.  273.     60.6  0.25   0.41
1.00    2.24   41.   10.0  282.0   10.0
 10 01 01   1 08  -26.3  0.386 -9.000 -9.000 -999.  576.    199.1  0.25   0.41
0.48    3.58   55.   10.0  283.1   10.0
 10 01 01   1 09   19.7  0.268  0.296  0.008   48.  341.    -89.0  0.26   0.41
0.26    2.24   25.   10.0  284.9   10.0
 10 01 01   1 10   49.7  0.237  0.513  0.008   98.  278.    -24.4  0.25   0.41
0.19    1.79  344.   10.0  288.8   10.0
 10 01 01   1 11   69.8  0.170  0.752  0.009  222.  169.     -6.4  0.04   0.41
0.17    1.79  274.   10.0  288.1   10.0
 10 01 01   1 12   79.5  0.135  0.919  0.008  355.  119.     -2.8  0.01   0.41
0.16    1.79  252.   10.0  288.8   10.0
 10 01 01   1 13   78.2  0.202  0.989  0.008  449.  218.     -9.6  0.04   0.41
0.16    2.24  277.   10.0  288.8   10.0
 10 01 01   1 14   66.1  0.229  0.979  0.008  515.  263.    -16.5  0.04   0.41
0.17    2.68  286.   10.0  288.8   10.0
 10 01 01   1 15   43.7  0.193  0.875  0.008  555.  204.    -15.0  0.04   0.41
0.20    2.24  289.   10.0  289.2   10.0
 10 01 01   1 16   12.7  0.118  0.582  0.008  565.   99.    -11.9  0.04   0.41
0.30    1.34  292.   10.0  288.8   10.0
 10 01 01   1 17   -2.0  0.064 -9.000 -9.000 -999.   40.     11.8  0.04   0.41
0.57    0.89  294.   10.0  288.1   10.0
 10 01 01   1 18   -2.2  0.066 -9.000 -9.000 -999.   41.     11.9  0.04   0.41
1.00    0.89  287.   10.0  287.5   10.0
 10 01 01   1 19   -4.1  0.091 -9.000 -9.000 -999.   66.     16.9  0.25   0.41
1.00    0.89  338.   10.0  287.5   10.0
 10 01 01   1 20  -21.4  0.216 -9.000 -9.000 -999.  240.     51.1  0.19   0.41
1.00    2.24   85.   10.0  286.4   10.0
 10 01 01   1 21   -1.6  0.070 -9.000 -9.000 -999.   68.     19.1  0.28   0.41
```

```
1.00    0.45   95.   10.0  286.4   10.0
 10 01 01   1 22   -9.4  0.138 -9.000 -9.000 -999.  123.     25.2  0.26   0.41
1.00    1.34   29.   10.0  285.4   10.0
 10 01 01   1 23  -23.4  0.235 -9.000 -9.000 -999.  273.     60.7  0.25   0.41
1.00    2.24   58.   10.0  284.9   10.0
 10 01 01   1 24  -23.5  0.235 -9.000 -9.000 -999.  273.     60.7  0.25   0.41
1.00    2.24   33.   10.0  284.2   10.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 10 01 01 01   10.0 1   47.    2.68   283.2   99.0  -99.00  -99.00

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



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF SO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         464300.00    3672750.00        0.09189                      464350.00
3672750.00        0.09020
         464400.00    3672750.00        0.08824                      464450.00
3672750.00        0.08668
         464500.00    3672750.00        0.08562                      464550.00
```

3672750.00 0.08492
464600.00 3672750.00 0.08443 464650.00
3672750.00 0.08389
464700.00 3672750.00 0.08306 464750.00
3672750.00 0.08145
464800.00 3672750.00 0.08012 464850.00
3672750.00 0.07925
464900.00 3672750.00 0.07864 464950.00
3672750.00 0.07773
465000.00 3672750.00 0.07818 465050.00
3672750.00 0.07801
465100.00 3672750.00 0.07770 465150.00
3672750.00 0.07804
465200.00 3672750.00 0.07872 464300.00
3672800.00 0.09822
464350.00 3672800.00 0.09646 464400.00
3672800.00 0.09426
464450.00 3672800.00 0.09265 464500.00
3672800.00 0.09162
464550.00 3672800.00 0.09084 464600.00
3672800.00 0.09021
464650.00 3672800.00 0.08957 464700.00
3672800.00 0.08789
464750.00 3672800.00 0.08627 464800.00
3672800.00 0.08530
464850.00 3672800.00 0.08469 464900.00
3672800.00 0.08315
464950.00 3672800.00 0.08294 465000.00
3672800.00 0.08296
465050.00 3672800.00 0.08385 465100.00
3672800.00 0.08371
465150.00 3672800.00 0.08485 465200.00
3672800.00 0.08566
464250.00 3672850.00 0.10942 464300.00
3672850.00 0.10663
464350.00 3672850.00 0.10349 464400.00
3672850.00 0.10117
464450.00 3672850.00 0.09953 464500.00
3672850.00 0.09844
464550.00 3672850.00 0.09758 464600.00
3672850.00 0.09687
464650.00 3672850.00 0.09556 464700.00
3672850.00 0.09357
464750.00 3672850.00 0.09222 464800.00
3672850.00 0.09141
464850.00 3672850.00 0.09088 464900.00
3672850.00 0.09023
464950.00 3672850.00 0.08912 465000.00

3672850.00 0.09022
465050.00 3672850.00 0.09065 465100.00
3672850.00 0.09149
465150.00 3672850.00 0.09248 465200.00
3672850.00 0.09329
464400.00 3672900.00 0.10921 464450.00
3672900.00 0.10745
464500.00 3672900.00 0.10623 464550.00
3672900.00 0.10533
464600.00 3672900.00 0.10443 464650.00
3672900.00 0.10239
464700.00 3672900.00 0.10065 464750.00
3672900.00 0.09978
464800.00 3672900.00 0.09941 464850.00
3672900.00 0.09855
464900.00 3672900.00 0.09721 464950.00
3672900.00 0.09778
465000.00 3672900.00 0.09847 465050.00
3672900.00 0.09948
465100.00 3672900.00 0.10074 465150.00
3672900.00 0.10139
465200.00 3672900.00 0.10255 464150.00
3672950.00 0.14285
464200.00 3672950.00 0.13490 464350.00
3672950.00 0.12108
464400.00 3672950.00 0.11851 464450.00
3672950.00 0.11666
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 139
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464500.00	3672950.00	0.11534	464550.00	3672950.00	0.11349
464600.00	3672950.00	0.11248	464650.00	3672950.00	0.11040
464700.00	3672950.00	0.10918	464750.00	3672950.00	0.10855
464800.00	3672950.00	0.10836	464850.00	3672950.00	0.10713
464900.00	3672950.00	0.10678	464950.00	3672950.00	0.10782
465000.00	3672950.00	0.10895	465050.00	3672950.00	0.11024
465100.00	3672950.00	0.11125	465150.00	3672950.00	0.11197
465200.00	3672950.00	0.11236	464150.00	3673000.00	0.15650
464200.00	3673000.00	0.14892	464250.00	3673000.00	0.14160
464300.00	3673000.00	0.13612	464350.00	3673000.00	0.13218
464400.00	3673000.00	0.12946	464450.00	3673000.00	0.12747
464500.00	3673000.00	0.12607	464550.00	3673000.00	0.12474
464600.00	3673000.00	0.12274	464650.00	3673000.00	0.12081
464700.00	3673000.00	0.11951	464750.00	3673000.00	0.11966
464800.00	3673000.00	0.11840	464850.00	3673000.00	0.11744
464900.00	3673000.00	0.11878	464950.00	3673000.00	0.12008
465000.00	3673000.00	0.12136	465050.00	3673000.00	0.12265
465100.00	3673000.00	0.12362	465150.00	3673000.00	0.12372
465200.00	3673000.00	0.12382	464100.00	3673050.00	0.18566
464150.00	3673050.00	0.17416	464200.00	3673050.00	0.16383

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         464250.00    3673050.00        0.15566                       464300.00
3673050.00        0.14966
         464350.00    3673050.00        0.14548                       464400.00
3673050.00        0.14234
         464450.00    3673050.00        0.14034                       464500.00
3673050.00        0.13885
         464550.00    3673050.00        0.13660                       464600.00
3673050.00        0.13391
         464650.00    3673050.00        0.13277                       464700.00
3673050.00        0.13193
         464750.00    3673050.00        0.13312                       464800.00
3673050.00        0.13098
         464850.00    3673050.00        0.13174                       464900.00
3673050.00        0.13331
         464950.00    3673050.00        0.13472                       465000.00
3673050.00        0.13618
         465050.00    3673050.00        0.13728                       465100.00
3673050.00        0.13729
         465150.00    3673050.00        0.13711                       465200.00
3673050.00        0.13756
         464050.00    3673100.00        0.22261                       464100.00
3673100.00        0.20704
         464150.00    3673100.00        0.19451                       464200.00
3673100.00        0.18206
         464250.00    3673100.00        0.17266                       464300.00
3673100.00        0.16599
         464350.00    3673100.00        0.16136                       464400.00
3673100.00        0.15802
         464450.00    3673100.00        0.15584                       464500.00
3673100.00        0.15420
         464550.00    3673100.00        0.15057                       464600.00
3673100.00        0.14869
         464650.00    3673100.00        0.14856                       464700.00
3673100.00        0.14865
         464750.00    3673100.00        0.14751                       464800.00
3673100.00        0.14748
         464850.00    3673100.00        0.14931                       464900.00
3673100.00        0.15099
         464950.00    3673100.00        0.15224                       465000.00
3673100.00        0.15347
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                      ***        13:42:44

                                 PAGE 140
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*
```

Alta Oceanside Construction
*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465050.00	3673100.00	0.15429	465100.00	3673100.00	0.15367
465150.00	3673100.00	0.15346	465200.00	3673100.00	0.15421
464050.00	3673150.00	0.25210	464100.00	3673150.00	0.23530
464150.00	3673150.00	0.21800	464200.00	3673150.00	0.20384
464250.00	3673150.00	0.19326	464300.00	3673150.00	0.18589
464350.00	3673150.00	0.18063	464400.00	3673150.00	0.17718
464450.00	3673150.00	0.17484	464500.00	3673150.00	0.17169
464550.00	3673150.00	0.16873	464600.00	3673150.00	0.16794
464650.00	3673150.00	0.16818	464700.00	3673150.00	0.16845
464750.00	3673150.00	0.16779	464800.00	3673150.00	0.16885
464850.00	3673150.00	0.17120	464900.00	3673150.00	0.17273
464950.00	3673150.00	0.17357	465000.00	3673150.00	0.17451
465050.00	3673150.00	0.17438	465100.00	3673150.00	0.17401
465150.00	3673150.00	0.17396	465200.00		

3673150.00 0.17579
464000.00 3673200.00 0.31070 464050.00
3673200.00 0.29042
464100.00 3673200.00 0.26785 464150.00
3673200.00 0.24730
464200.00 3673200.00 0.23083 464250.00
3673200.00 0.21883
464300.00 3673200.00 0.21038 464350.00
3673200.00 0.20472
464400.00 3673200.00 0.20095 464450.00
3673200.00 0.19849
464500.00 3673200.00 0.19306 464550.00
3673200.00 0.19227
464600.00 3673200.00 0.19315 464650.00
3673200.00 0.19498
464700.00 3673200.00 0.19205 464750.00
3673200.00 0.19351
464800.00 3673200.00 0.19547 464850.00
3673200.00 0.19739
464900.00 3673200.00 0.19888 464950.00
3673200.00 0.19943
465000.00 3673200.00 0.19996 465050.00
3673200.00 0.19933
465100.00 3673200.00 0.19918 465150.00
3673200.00 0.20039
465200.00 3673200.00 0.20380 463950.00
3673250.00 0.38950
464000.00 3673250.00 0.36205 464050.00
3673250.00 0.33679
464100.00 3673250.00 0.30883 464150.00
3673250.00 0.28421
464200.00 3673250.00 0.26489 464250.00
3673250.00 0.25088
464300.00 3673250.00 0.24132 464350.00
3673250.00 0.23504
464400.00 3673250.00 0.23116 464450.00
3673250.00 0.22733
464500.00 3673250.00 0.22367 464550.00
3673250.00 0.22276
464600.00 3673250.00 0.22061 464650.00
3673250.00 0.22343
464700.00 3673250.00 0.22438 464750.00
3673250.00 0.22631
464800.00 3673250.00 0.22816 464850.00
3673250.00 0.23019
464900.00 3673250.00 0.23105 465050.00
3673250.00 0.23180
465100.00 3673250.00 0.23248 465150.00

3673250.00 0.23470
465200.00 3673250.00 0.23767 463950.00
3673300.00 0.46231
464000.00 3673300.00 0.43266 464050.00
3673300.00 0.39614
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 141
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- -
- -
464100.00 3673300.00 0.36158 464150.00
3673300.00 0.33172
464200.00 3673300.00 0.30850 464250.00
3673300.00 0.29193
464300.00 3673300.00 0.28115 464350.00
3673300.00 0.27435
464400.00 3673300.00 0.26859 464450.00
3673300.00 0.26393
464500.00 3673300.00 0.26339 464550.00
3673300.00 0.26583
464600.00 3673300.00 0.27040 464650.00
3673300.00 0.26401
464700.00 3673300.00 0.26710 464750.00
3673300.00 0.26975

464800.00 3673300.00 0.27190 464850.00 3673300.00 0.27202
464900.00 3673300.00 0.27321 465050.00 3673300.00 0.27242
465100.00 3673300.00 0.27390 465150.00 3673300.00 0.27591
465200.00 3673300.00 0.27508 463900.00 3673350.00 0.60473
463950.00 3673350.00 0.56924 464000.00 3673350.00 0.52178
464050.00 3673350.00 0.47488 464100.00 3673350.00 0.43118
464150.00 3673350.00 0.39401 464200.00 3673350.00 0.36551
464250.00 3673350.00 0.34616 464300.00 3673350.00 0.33384
464350.00 3673350.00 0.32613 464400.00 3673350.00 0.31816
464450.00 3673350.00 0.31602 464500.00 3673350.00 0.31612
464550.00 3673350.00 0.32189 464600.00 3673350.00 0.31927
464650.00 3673350.00 0.32084 464700.00 3673350.00 0.32269
464750.00 3673350.00 0.32668 464800.00 3673350.00 0.32757
464850.00 3673350.00 0.32656 464900.00 3673350.00 0.32517
465100.00 3673350.00 0.32203 465150.00 3673350.00 0.31960
465200.00 3673350.00 0.31470 463850.00 3673400.00 0.80245
463900.00 3673400.00 0.75575 463950.00 3673400.00 0.70721
464000.00 3673400.00 0.64411 464050.00 3673400.00 0.58231
464100.00 3673400.00 0.52563 464150.00 3673400.00 0.47799
464200.00 3673400.00 0.44279 464250.00 3673400.00 0.41955
464300.00 3673400.00 0.40567 464350.00 3673400.00 0.39312
464400.00 3673400.00 0.38826 464450.00 3673400.00 0.38752
464500.00 3673400.00 0.39399 464550.00 3673400.00 0.39704
464600.00 3673400.00 0.39372 464650.00 3673400.00 0.39575

```
         464700.00    3673400.00        0.40015                      464750.00
3673400.00        0.40142
         464800.00    3673400.00        0.39976                      464850.00
3673400.00        0.39596
         464900.00    3673400.00        0.39151                      465200.00
3673400.00        0.35672
         463850.00    3673450.00        1.01759                      463900.00
3673450.00        0.98136
         463950.00    3673450.00        0.90304                      464000.00
3673450.00        0.81842
         464050.00    3673450.00        0.73315                      464100.00
3673450.00        0.65797
         464150.00    3673450.00        0.59532                      464200.00
3673450.00        0.55066
         464250.00    3673450.00        0.52263                      464300.00
3673450.00        0.50538
         464350.00    3673450.00        0.49132                      464400.00
3673450.00        0.48943
```


```
                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                  **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - -
         464450.00    3673450.00        0.49285                      464500.00
```

3673450.00 0.50069
464550.00 3673450.00 0.49831 464600.00
3673450.00 0.49824
464650.00 3673450.00 0.50259 464700.00
3673450.00 0.50572
464750.00 3673450.00 0.50330 464800.00
3673450.00 0.49573
464850.00 3673450.00 0.48498 464950.00
3673450.00 0.46759
465000.00 3673450.00 0.45662 463800.00
3673500.00 1.34676
463850.00 3673500.00 1.35516 463900.00
3673500.00 1.29136
463950.00 3673500.00 1.19287 464000.00
3673500.00 1.07469
464050.00 3673500.00 0.95925 464100.00
3673500.00 0.85151
464150.00 3673500.00 0.76633 464200.00
3673500.00 0.70802
464250.00 3673500.00 0.67244 464300.00
3673500.00 0.64208
464350.00 3673500.00 0.63714 464400.00
3673500.00 0.63867
464450.00 3673500.00 0.64920 464500.00
3673500.00 0.65092
464550.00 3673500.00 0.65009 464600.00
3673500.00 0.65346
464650.00 3673500.00 0.65543 464700.00
3673500.00 0.64584
464750.00 3673500.00 0.63590 464800.00
3673500.00 0.61498
465000.00 3673500.00 0.53187 465050.00
3673500.00 0.51057
463750.00 3673550.00 1.68189 463800.00
3673550.00 1.75293
463850.00 3673550.00 1.80609 463900.00
3673550.00 1.76184
463950.00 3673550.00 1.63813 464000.00
3673550.00 1.47975
464050.00 3673550.00 1.30531 464100.00
3673550.00 1.14995
464150.00 3673550.00 1.02872 464200.00
3673550.00 0.94901
464250.00 3673550.00 0.89896 464300.00
3673550.00 0.87103
464350.00 3673550.00 0.86422 464400.00
3673550.00 0.88095
464450.00 3673550.00 0.88828 464500.00

3673550.00 0.89218
464550.00 3673550.00 0.88711 464600.00
3673550.00 0.88243
464650.00 3673550.00 0.86463 464700.00
3673550.00 0.83250
464750.00 3673550.00 0.79457 464800.00
3673550.00 0.75412
464850.00 3673550.00 0.71093 464900.00
3673550.00 0.67502
464950.00 3673550.00 0.64772 465000.00
3673550.00 0.61513
465050.00 3673550.00 0.58562 465100.00
3673550.00 0.55729
463650.00 3673600.00 1.68397 463700.00
3673600.00 1.90002
463750.00 3673600.00 2.10652 463800.00
3673600.00 2.32439
463850.00 3673600.00 2.44324 463900.00
3673600.00 2.44879
463950.00 3673600.00 2.34768 464000.00
3673600.00 2.15617
464050.00 3673600.00 1.89125 464100.00
3673600.00 1.64381
464150.00 3673600.00 1.46088 464200.00
3673600.00 1.34652
464250.00 3673600.00 1.26530 464300.00
3673600.00 1.24595
464350.00 3673600.00 1.26646 464400.00
3673600.00 1.27120
464450.00 3673600.00 1.26846 464500.00
3673600.00 1.25968
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 143
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026

, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464550.00	3673600.00	1.24116	464600.00	3673600.00	1.19805
464650.00	3673600.00	1.13434	464700.00	3673600.00	1.05876
464750.00	3673600.00	0.98647	464800.00	3673600.00	0.91340
464850.00	3673600.00	0.84479	464900.00	3673600.00	0.79583
464950.00	3673600.00	0.75018	465000.00	3673600.00	0.70562
463600.00	3673650.00	1.54496	463650.00	3673650.00	1.85388
463700.00	3673650.00	2.21353	463750.00	3673650.00	2.58075
463800.00	3673650.00	2.98728	463850.00	3673650.00	3.35821
463900.00	3673650.00	3.57546	463950.00	3673650.00	3.64410
464000.00	3673650.00	3.39124	464050.00	3673650.00	2.96243
464100.00	3673650.00	2.54523	464150.00	3673650.00	2.24435
464200.00	3673650.00	2.03005	464250.00	3673650.00	1.97201
464300.00	3673650.00	1.96643	464350.00	3673650.00	1.96910
464400.00	3673650.00	1.94884	464450.00	3673650.00	1.90961
464500.00	3673650.00	1.83008	464550.00	3673650.00	1.73208
464600.00	3673650.00	1.60246	464650.00	3673650.00	1.46907
464700.00	3673650.00	1.33053	464750.00	3673650.00	1.20504
464800.00	3673650.00	1.08957	464850.00	3673650.00	1.00125

464900.00 3673650.00 0.93348 464950.00
3673650.00 0.87267
465200.00 3673650.00 0.62246 463600.00
3673700.00 1.50708
463650.00 3673700.00 1.88946 463700.00
3673700.00 2.38275
463750.00 3673700.00 2.96982 463800.00
3673700.00 3.77180
463950.00 3673700.00 6.06955 464000.00
3673700.00 5.95070
464050.00 3673700.00 5.24918 464100.00
3673700.00 4.45118
464150.00 3673700.00 3.85559 464200.00
3673700.00 3.57754
464250.00 3673700.00 3.50326 464300.00
3673700.00 3.47435
464350.00 3673700.00 3.35293 464400.00
3673700.00 3.16082
464450.00 3673700.00 2.90560 464500.00
3673700.00 2.65290
464550.00 3673700.00 2.37146 464600.00
3673700.00 2.10347
464650.00 3673700.00 1.84777 464700.00
3673700.00 1.63162
464750.00 3673700.00 1.44033 464800.00
3673700.00 1.28821
464850.00 3673700.00 1.17690 465200.00
3673700.00 0.68029
463650.00 3673750.00 1.74868 463700.00
3673750.00 2.29965
463750.00 3673750.00 3.10601 463800.00
3673750.00 4.18998
463900.00 3673750.00 7.92238 463950.00
3673750.00 10.58743
464000.00 3673750.00 12.24495 464050.00
3673750.00 11.47247
464100.00 3673750.00 9.68448 464150.00
3673750.00 8.64740
464200.00 3673750.00 7.84775 464250.00
3673750.00 7.35047
464300.00 3673750.00 6.74073 464350.00
3673750.00 5.92720
464400.00 3673750.00 5.10094 464450.00
3673750.00 4.32810

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                              *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                 *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                          ** CONC OF SO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                       X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - - - -
         464500.00    3673750.00        3.69164                      464550.00
3673750.00        3.13693
         464600.00    3673750.00        2.66241                      464650.00
3673750.00        2.26703
         464700.00    3673750.00        1.95145                      464750.00
3673750.00        1.71006
         465150.00    3673750.00        0.79813                      465200.00
3673750.00        0.73761
         463750.00    3673800.00        2.79721                      463800.00
3673800.00        4.02955
         463900.00    3673800.00        9.23419                      463950.00
3673800.00       16.78226
         464000.00    3673800.00       30.28869                      464050.00
3673800.00       38.34831
         464100.00    3673800.00       37.38523                      464150.00
3673800.00       28.71949
         464200.00    3673800.00       22.10637                      464300.00
3673800.00       13.24235
         464350.00    3673800.00       10.31776                      464400.00
3673800.00        7.84088
         464450.00    3673800.00        6.00441                      464500.00
3673800.00        4.88689
         464550.00    3673800.00        3.97344                      465100.00
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3673800.00	0.93771				
465150.00	3673800.00	0.85920	465200.00	3673800.00	0.79170
463900.00	3673850.00	8.41564	463950.00	3673850.00	16.91353
464000.00	3673850.00	47.19671	464200.00	3673850.00	74.86142
464750.00	3673850.00	2.24470	464800.00	3673850.00	1.94945
465100.00	3673850.00	0.99830	465150.00	3673850.00	0.91224
465200.00	3673850.00	0.83797	463950.00	3673900.00	12.35412
464000.00	3673900.00	42.20023	464200.00	3673900.00	134.56826
464650.00	3673900.00	3.42387	464700.00	3673900.00	2.86171
464750.00	3673900.00	2.43213	465100.00	3673900.00	1.04442
465150.00	3673900.00	0.95174	465200.00	3673900.00	0.87270
463500.00	3673950.00	0.44329	464000.00	3673950.00	18.09441
464200.00	3673950.00	103.11626	464550.00	3673950.00	5.36361
464600.00	3673950.00	4.29902	464650.00	3673950.00	3.54564
464700.00	3673950.00	2.96136	465100.00	3673950.00	1.07029
465150.00	3673950.00	0.97365	465200.00	3673950.00	0.89101
463450.00	3674000.00	0.33316	463500.00	3674000.00	0.38275
463550.00	3674000.00	0.44825	463600.00	3674000.00	0.53610
464050.00	3674000.00	22.05089	464100.00	3674000.00	35.91177
464150.00	3674000.00	43.05713	464200.00	3674000.00	38.82006
464550.00	3674000.00	5.04783	464600.00	3674000.00	4.13380
464650.00	3674000.00	3.43713	465100.00	3674000.00	1.07247
465150.00	3674000.00	0.97493	465200.00	3674000.00	0.89298
463400.00	3674050.00	0.26275	463450.00	3674050.00	0.29673
463500.00	3674050.00	0.34046	463550.00		

3674050.00 0.39637
463600.00 3674050.00 0.46898 463650.00
3674050.00 0.56723
464150.00 3674050.00 16.79256 464500.00
3674050.00 5.36666
464550.00 3674050.00 4.41957 464600.00
3674050.00 3.72646
465100.00 3674050.00 1.05602 465150.00
3674050.00 0.96226
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 145
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)
Y-COORD (M) CONC
- -
- -
465200.00 3674050.00 0.88104 463400.00
3674100.00 0.23942
463550.00 3674100.00 0.35799 463600.00
3674100.00 0.42124
463650.00 3674100.00 0.50426 463700.00
3674100.00 0.61550
464500.00 3674100.00 4.07080 464550.00
3674100.00 3.61461
465100.00 3674100.00 1.02578 465150.00
3674100.00 0.93891

465200.00 3674100.00 0.85854 463350.00 3674150.00 0.19879
463500.00 3674150.00 0.28409 463550.00 3674150.00 0.32782
463600.00 3674150.00 0.38345 463700.00 3674150.00 0.54885
464500.00 3674150.00 3.06599 464550.00 3674150.00 2.81559
465100.00 3674150.00 0.99718 465150.00 3674150.00 0.90714
465200.00 3674150.00 0.83840 463300.00 3674200.00 0.16860
463450.00 3674200.00 0.23226 463500.00 3674200.00 0.26375
463550.00 3674200.00 0.30281 463600.00 3674200.00 0.35168
463650.00 3674200.00 0.41330 463700.00 3674200.00 0.49164
464450.00 3674200.00 2.55469 464500.00 3674200.00 2.31746
465200.00 3674200.00 0.80736 463300.00 3674250.00 0.15877
463400.00 3674250.00 0.19451 463450.00 3674250.00 0.21872
463500.00 3674250.00 0.24718 463550.00 3674250.00 0.28215
465100.00 3674250.00 0.87705 465150.00 3674250.00 0.81833
465200.00 3674250.00 0.76533 463350.00 3674300.00 0.16613
463400.00 3674300.00 0.18497 463450.00 3674300.00 0.20886
463500.00 3674300.00 0.23479 463550.00 3674300.00 0.26582
463700.00 3674300.00 0.40390 463800.00 3674300.00 0.55422
463850.00 3674300.00 0.66322 463900.00 3674300.00 0.80696
463950.00 3674300.00 0.99098 464000.00 3674300.00 1.20674
465150.00 3674300.00 0.75888 465200.00 3674300.00 0.71690
463300.00 3674350.00 0.14424 463350.00 3674350.00 0.15898
463400.00 3674350.00 0.17810 463450.00 3674350.00 0.19807
463500.00 3674350.00 0.22179 463550.00 3674350.00 0.24982

463600.00 3674350.00 0.28270 463650.00
3674350.00 0.32097
463700.00 3674350.00 0.36631 463750.00
3674350.00 0.42062
463800.00 3674350.00 0.48839 463850.00
3674350.00 0.57523
463900.00 3674350.00 0.68651 465050.00
3674350.00 0.75267
465100.00 3674350.00 0.72221 465150.00
3674350.00 0.69105
465200.00 3674350.00 0.66213 463300.00
3674400.00 0.13875
463350.00 3674400.00 0.15414 463400.00
3674400.00 0.16965
463450.00 3674400.00 0.18788 463500.00
3674400.00 0.20901
463550.00 3674400.00 0.23330 463600.00
3674400.00 0.26137
463700.00 3674400.00 0.33025 463750.00
3674400.00 0.37455
463800.00 3674400.00 0.43013 463850.00
3674400.00 0.50091
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 146
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M) Y-COORD (M) CONC X-COORD (M)

```
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         463900.00    3674400.00        0.58549                            463950.00
3674400.00        0.68117
         464150.00    3674400.00        1.09160                            465050.00
3674400.00        0.66380
         465100.00    3674400.00        0.64337                            465150.00
3674400.00        0.62271
         465200.00    3674400.00        0.60256                            463250.00
3674450.00        0.12274
         463300.00    3674450.00        0.13525                            463350.00
3674450.00        0.14772
         463400.00    3674450.00        0.16195                            463450.00
3674450.00        0.17836
         463500.00    3674450.00        0.19686                            463550.00
3674450.00        0.21792
         463600.00    3674450.00        0.24160                            463750.00
3674450.00        0.33459
         463800.00    3674450.00        0.38193                            463850.00
3674450.00        0.44011
         463900.00    3674450.00        0.50386                            463950.00
3674450.00        0.57840
         464100.00    3674450.00        0.79959                            464150.00
3674450.00        0.85544
         464200.00    3674450.00        0.87724                            465050.00
3674450.00        0.58344
         465100.00    3674450.00        0.56965                            465150.00
3674450.00        0.55647
         465200.00    3674450.00        0.54273                            463200.00
3674500.00        0.10945
         463250.00    3674500.00        0.11852                            463300.00
3674500.00        0.13035
         463350.00    3674500.00        0.14161                            463400.00
3674500.00        0.15457
         463450.00    3674500.00        0.16927                            463500.00
3674500.00        0.18556
         463550.00    3674500.00        0.20334                            463800.00
3674500.00        0.34140
         463850.00    3674500.00        0.38960                            463900.00
3674500.00        0.43912
         464100.00    3674500.00        0.67297                            464150.00
3674500.00        0.71423
         464200.00    3674500.00        0.72203                            464250.00
3674500.00        0.72024
         463000.00    3674550.00        0.08182                            463050.00
3674550.00        0.08688
         463100.00    3674550.00        0.09235                            463200.00
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3674550.00 0.10607
463250.00 3674550.00 0.11497 463300.00
3674550.00 0.12549
463350.00 3674550.00 0.13586 463400.00
3674550.00 0.14752
463450.00 3674550.00 0.16048 463500.00
3674550.00 0.17455
463550.00 3674550.00 0.18947 463600.00
3674550.00 0.20577
463900.00 3674550.00 0.38698 464050.00
3674550.00 0.52420
464100.00 3674550.00 0.56986 464150.00
3674550.00 0.60127
464200.00 3674550.00 0.60501 464250.00
3674550.00 0.60083
464300.00 3674550.00 0.60229 464950.00
3674550.00 0.49459
465000.00 3674550.00 0.47910 465050.00
3674550.00 0.45733
465100.00 3674550.00 0.45137 463000.00
3674600.00 0.07950
463050.00 3674600.00 0.08444 463200.00
3674600.00 0.10285
463250.00 3674600.00 0.11103 463300.00
3674600.00 0.12082
463350.00 3674600.00 0.13014 463400.00
3674600.00 0.14049
463450.00 3674600.00 0.15180 463500.00
3674600.00 0.16370
463550.00 3674600.00 0.17627 463600.00
3674600.00 0.19001
464050.00 3674600.00 0.45254 464100.00
3674600.00 0.49164
464150.00 3674600.00 0.51427 464200.00
3674600.00 0.51683
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** *** *** 13:42:44

PAGE 147
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010

, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464250.00	3674600.00	0.51175	464300.00	3674600.00	0.51202
464350.00	3674600.00	0.52009	464900.00	3674600.00	0.43958
464950.00	3674600.00	0.43209	465000.00	3674600.00	0.41313
465050.00	3674600.00	0.39404	465100.00	3674600.00	0.39021
463000.00	3674650.00	0.07773	463050.00	3674650.00	0.08246
463100.00	3674650.00	0.08767	463200.00	3674650.00	0.09973
463250.00	3674650.00	0.10740	463300.00	3674650.00	0.11530
463350.00	3674650.00	0.12472	463400.00	3674650.00	0.13383
463450.00	3674650.00	0.14358	463500.00	3674650.00	0.15346
463550.00	3674650.00	0.16413	463600.00	3674650.00	0.17577
464000.00	3674650.00	0.36051	464050.00	3674650.00	0.39629
464100.00	3674650.00	0.42734	464150.00	3674650.00	0.44694
464200.00	3674650.00	0.44885	464250.00	3674650.00	0.44468
464300.00	3674650.00	0.44177	464350.00	3674650.00	0.44762
464900.00	3674650.00	0.39127	464950.00	3674650.00	0.37995
465000.00	3674650.00	0.36734	465050.00	3674650.00	0.35267

465100.00 3674650.00 0.34802 465200.00 3674650.00 0.34033
463000.00 3674700.00 0.07606 463050.00 3674700.00 0.08054
463100.00 3674700.00 0.08545 463200.00 3674700.00 0.09672
463250.00 3674700.00 0.10388 463300.00 3674700.00 0.11167
463350.00 3674700.00 0.11941 463400.00 3674700.00 0.12736
463450.00 3674700.00 0.13549 463500.00 3674700.00 0.14375
463550.00 3674700.00 0.15268 463600.00 3674700.00 0.16308
464050.00 3674700.00 0.34978 464100.00 3674700.00 0.37634
464150.00 3674700.00 0.39042 464200.00 3674700.00 0.39400
464250.00 3674700.00 0.39164 464300.00 3674700.00 0.39297
464350.00 3674700.00 0.39333 464950.00 3674700.00 0.34280
465000.00 3674700.00 0.33216 465050.00 3674700.00 0.31946
465100.00 3674700.00 0.31192 465150.00 3674700.00 0.30760
465200.00 3674700.00 0.30508 463000.00 3674750.00 0.07443
463050.00 3674750.00 0.07866 463100.00 3674750.00 0.08329
463200.00 3674750.00 0.09381 463250.00 3674750.00 0.10138
463300.00 3674750.00 0.10787 463350.00 3674750.00 0.11423
463400.00 3674750.00 0.12089 463450.00 3674750.00 0.12772
463500.00 3674750.00 0.13472 463550.00 3674750.00 0.14263
463600.00 3674750.00 0.15195 464100.00 3674750.00 0.33271
464150.00 3674750.00 0.34557 464200.00 3674750.00 0.34931
464250.00 3674750.00 0.34962 464300.00 3674750.00 0.35170
464350.00 3674750.00 0.35264 465000.00 3674750.00 0.30282
465050.00 3674750.00 0.29353 465100.00 3674750.00 0.28548

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE PERIOD (26304 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 , L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 , L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 , L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465150.00	3674750.00	0.27993	465200.00	3674750.00	0.27594
463000.00	3674800.00	0.07303	463050.00	3674800.00	0.07697
463100.00	3674800.00	0.08140	463150.00	3674800.00	0.08591
463200.00	3674800.00	0.09097	463250.00	3674800.00	0.09685
463300.00	3674800.00	0.10362	463350.00	3674800.00	0.10912
463400.00	3674800.00	0.11455	463450.00	3674800.00	0.12028
463500.00	3674800.00	0.12643	463550.00	3674800.00	0.13346
464150.00	3674800.00	0.30666	464200.00	3674800.00	0.31370
464250.00	3674800.00	0.31457	464400.00	3674800.00	0.34217
464450.00	3674800.00	0.34887	464500.00		

465100.00	3674800.00	0.35839	465150.00	3674800.00	0.26548
465200.00	3674800.00	0.25666	463000.00	3674850.00	0.25294
463050.00	3674850.00	0.07148	463100.00	3674850.00	0.07529
463150.00	3674850.00	0.07917	463200.00	3674850.00	0.08355
463250.00	3674850.00	0.08815	463300.00	3674850.00	0.09314
463350.00	3674850.00	0.09935	463400.00	3674850.00	0.10396
463450.00	3674850.00	0.10854	463500.00	3674850.00	0.11331
463550.00	3674850.00	0.11880	464200.00	3674850.00	0.12541
464250.00	3674850.00	0.28282	464300.00	3674850.00	0.29190
464350.00	3674850.00	0.30824	464400.00	3674850.00	0.30570
464450.00	3674850.00	0.30616	464500.00	3674850.00	0.31070
465150.00	3674850.00	0.31849	465200.00	3674850.00	0.24179
463000.00	3674900.00	0.23413	463050.00	3674900.00	0.07023
463100.00	3674900.00	0.07356	463150.00	3674900.00	0.07719
463200.00	3674900.00	0.08120	463250.00	3674900.00	0.08529
463300.00	3674900.00	0.08944	463350.00	3674900.00	0.09482
463400.00	3674900.00	0.09883	463450.00	3674900.00	0.10285
463500.00	3674900.00	0.10695	463550.00	3674900.00	0.11193
464300.00	3674900.00	0.11824	464350.00	3674900.00	0.28040
464400.00	3674900.00	0.27724	464450.00	3674900.00	0.27662
464500.00	3674900.00	0.27444	464550.00	3674900.00	0.27426
464600.00	3674900.00	0.27964	464650.00	3674900.00	0.29022
463000.00	3674950.00	0.30170	463050.00	3674950.00	0.06892
463100.00	3674950.00	0.07222	463150.00		

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3674950.00        0.07882
         463200.00    3674950.00        0.08238                        463250.00
3674950.00        0.08605
         463300.00    3674950.00        0.09020                        463350.00
3674950.00        0.09385
         463400.00    3674950.00        0.09733                        463450.00
3674950.00        0.10111
         463500.00    3674950.00        0.10591                        463550.00
3674950.00        0.11200
         464100.00    3674950.00        0.21985                        464150.00
3674950.00        0.22966
         464400.00    3674950.00        0.25115                        464450.00
3674950.00        0.23647
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 149
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                             *** THE PERIOD ( 26304 HRS) AVERAGE CONCENTRATION
VALUES FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - - - -
         464500.00    3674950.00        0.24251                        464550.00
3674950.00        0.24979
         464600.00    3674950.00        0.25735                        464650.00
3674950.00        0.26001
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464300.00	3672750.00	42.88924	464350.00	3672750.00	43.06725
464400.00	3672750.00	39.32936	464450.00	3672750.00	36.60375
464500.00	3672750.00	37.15036	464550.00	3672750.00	43.42570
464600.00	3672750.00	48.42423	464650.00	3672750.00	51.21220
464700.00	3672750.00	51.78856	464750.00	3672750.00	50.86237
464800.00	3672750.00	50.88334	464850.00	3672750.00	48.50491
464900.00	3672750.00	44.68468	464950.00	3672750.00	42.39565
465000.00	3672750.00	35.62996	465050.00	3672750.00	32.78447
465100.00	3672750.00	30.29422	465150.00	3672750.00	27.00096
465200.00	3672750.00	26.76895	464300.00	3672800.00	44.76755
464350.00	3672800.00	44.33349	464400.00		

3672800.00 39.59326
464450.00 3672800.00 38.51274 464500.00
3672800.00 41.87781
464550.00 3672800.00 48.13045 464600.00
3672800.00 52.46329
464650.00 3672800.00 54.35789 464700.00
3672800.00 53.99422
464750.00 3672800.00 53.80634 464800.00
3672800.00 52.31479
464850.00 3672800.00 48.44070 464900.00
3672800.00 50.43245
464950.00 3672800.00 43.79535 465000.00
3672800.00 38.20813
465050.00 3672800.00 32.35318 465100.00
3672800.00 29.45619
465150.00 3672800.00 27.91106 465200.00
3672800.00 28.92218
464250.00 3672850.00 45.48563 464300.00
3672850.00 48.10404
464350.00 3672850.00 45.38128 464400.00
3672850.00 40.81068
464450.00 3672850.00 40.69234 464500.00
3672850.00 47.06566
464550.00 3672850.00 53.01975 464600.00
3672850.00 56.46340
464650.00 3672850.00 57.32147 464700.00
3672850.00 56.35205
464750.00 3672850.00 56.94319 464800.00
3672850.00 53.99069
464850.00 3672850.00 49.20886 464900.00
3672850.00 45.67376
464950.00 3672850.00 44.59456 465000.00
3672850.00 36.19453
465050.00 3672850.00 32.11582 465100.00
3672850.00 29.85816
465150.00 3672850.00 30.77434 465200.00
3672850.00 31.60470
464400.00 3672900.00 43.06665 464450.00
3672900.00 45.00290
464500.00 3672900.00 52.62008 464550.00
3672900.00 58.00101
464600.00 3672900.00 60.20645 464650.00
3672900.00 59.50767
464700.00 3672900.00 59.35520 464750.00
3672900.00 56.82574
464800.00 3672900.00 51.72469 464850.00
3672900.00 48.29800
464900.00 3672900.00 47.99093 464950.00

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3672900.00       41.34382
         465000.00    3672900.00       35.29875                          465050.00
3672900.00       31.55205
         465100.00    3672900.00       32.27736                          465150.00
3672900.00       33.38544
         465200.00    3672900.00       32.87298                          464150.00
3672950.00       83.91795
         464200.00    3672950.00       57.15658                          464350.00
3672950.00       47.10271
         464400.00    3672950.00       45.93525                          464450.00
3672950.00       51.20594
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 151
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
         464500.00    3672950.00       58.58568                          464550.00
3672950.00       64.20840
         464600.00    3672950.00       63.88503                          464650.00
3672950.00       62.82779
         464700.00    3672950.00       61.52452                          464750.00
3672950.00       57.28923
         464800.00    3672950.00       51.22290                          464850.00
3672950.00       49.67170
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464900.00 3672950.00 46.16549 464950.00 3672950.00 38.94400
465000.00 3672950.00 33.24616 465050.00 3672950.00 34.17991
465100.00 3672950.00 34.81851 465150.00 3672950.00 34.45779
465200.00 3672950.00 35.65646 464150.00 3673000.00 87.45938
464200.00 3673000.00 62.54704 464250.00 3673000.00 55.63278
464300.00 3673000.00 53.91966 464350.00 3673000.00 48.08080
464400.00 3673000.00 49.23901 464450.00 3673000.00 58.06679
464500.00 3673000.00 64.77603 464550.00 3673000.00 67.53926
464600.00 3673000.00 66.09336 464650.00 3673000.00 65.76862
464700.00 3673000.00 62.90297 464750.00 3673000.00 55.84148
464800.00 3673000.00 53.34232 464850.00 3673000.00 51.86785
464900.00 3673000.00 43.27697 464950.00 3673000.00 36.28005
465000.00 3673000.00 36.45209 465050.00 3673000.00 36.74721
465100.00 3673000.00 36.17904 465150.00 3673000.00 37.19176
465200.00 3673000.00 36.74196 464100.00 3673050.00 122.33400
464150.00 3673050.00 94.51107 464200.00 3673050.00 66.31094
464250.00 3673050.00 59.11143 464300.00 3673050.00 55.73805
464350.00 3673050.00 52.06129 464400.00 3673050.00 56.04081
464450.00 3673050.00 65.51919 464500.00 3673050.00 70.90334
464550.00 3673050.00 71.66641 464600.00 3673050.00 70.87754
464650.00 3673050.00 68.21903 464700.00 3673050.00 64.66266
464750.00 3673050.00 53.81838 464800.00 3673050.00 56.25780
464850.00 3673050.00 48.50638 464900.00 3673050.00 40.14987
464950.00 3673050.00 38.88759 465000.00 3673050.00 38.99924

465050.00 3673050.00 38.04698 465100.00
3673050.00 38.81895
465150.00 3673050.00 37.96537 465200.00
3673050.00 35.64305
464050.00 3673100.00 150.69391 464100.00
3673100.00 128.66171
464150.00 3673100.00 101.15937 464200.00
3673100.00 71.09035
464250.00 3673100.00 63.60482 464300.00
3673100.00 58.21484
464350.00 3673100.00 56.55175 464400.00
3673100.00 64.64848
464450.00 3673100.00 73.30301 464500.00
3673100.00 76.48842
464550.00 3673100.00 75.53597 464600.00
3673100.00 74.38529
464650.00 3673100.00 68.39135 464700.00
3673100.00 60.81379
464750.00 3673100.00 58.76571 464800.00
3673100.00 54.73866
464850.00 3673100.00 44.76743 464900.00
3673100.00 41.48403
464950.00 3673100.00 41.82994 465000.00
3673100.00 40.09178
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED
OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002
, L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010
, L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018
, L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026
, L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS
***

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465050.00	3673100.00	40.52577	465100.00	3673100.00	39.18879
465150.00	3673100.00	36.28619	465200.00	3673100.00	32.64445
464050.00	3673150.00	160.47428	464100.00	3673150.00	141.66811
464150.00	3673150.00	105.29251	464200.00	3673150.00	75.88482
464250.00	3673150.00	68.39048	464300.00	3673150.00	61.32137
464350.00	3673150.00	62.04567	464400.00	3673150.00	74.13443
464450.00	3673150.00	81.04656	464500.00	3673150.00	81.87752
464550.00	3673150.00	80.94180	464600.00	3673150.00	75.86668
464650.00	3673150.00	67.73335	464700.00	3673150.00	58.85611
464750.00	3673150.00	59.57156	464800.00	3673150.00	50.34444
464850.00	3673150.00	44.08604	464900.00	3673150.00	44.17996
464950.00	3673150.00	42.47849	465000.00	3673150.00	42.35144
465050.00	3673150.00	40.40161	465100.00	3673150.00	36.83372
465150.00	3673150.00	33.82136	465200.00	3673150.00	40.20397
464000.00	3673200.00	170.48473	464050.00	3673200.00	175.13286
464100.00	3673200.00	150.65552	464150.00	3673200.00	110.62276
464200.00	3673200.00	81.47257	464250.00	3673200.00	73.70260
464300.00	3673200.00	67.03804	464350.00	3673200.00	73.00064
464400.00	3673200.00	84.11809	464450.00	3673200.00	88.20614
464500.00	3673200.00	88.01802	464550.00	3673200.00	84.42428
464600.00	3673200.00	75.08947	464650.00	3673200.00	63.55729
464700.00	3673200.00	66.57536	464750.00		

3673200.00 56.97168
464800.00 3673200.00 48.41892 464850.00
3673200.00 47.70342
464900.00 3673200.00 45.02231 464950.00
3673200.00 44.38180
465000.00 3673200.00 41.79234 465050.00
3673200.00 37.36217
465100.00 3673200.00 38.54509 465150.00
3673200.00 51.48626
465200.00 3673200.00 70.33204 463950.00
3673250.00 201.43767
464000.00 3673250.00 181.69073 464050.00
3673250.00 187.65485
464100.00 3673250.00 160.71165 464150.00
3673250.00 116.82354
464200.00 3673250.00 88.19155 464250.00
3673250.00 79.32153
464300.00 3673250.00 73.93318 464350.00
3673250.00 85.19876
464400.00 3673250.00 94.24781 464450.00
3673250.00 95.32434
464500.00 3673250.00 93.54108 464550.00
3673250.00 85.81135
464600.00 3673250.00 89.09213 464650.00
3673250.00 71.88811
464700.00 3673250.00 65.25876 464750.00
3673250.00 54.72768
464800.00 3673250.00 52.16229 464850.00
3673250.00 48.58534
464900.00 3673250.00 46.88668 465050.00
3673250.00 54.28705
465100.00 3673250.00 69.02521 465150.00
3673250.00 86.50103
465200.00 3673250.00 105.27758 463950.00
3673300.00 223.99121
464000.00 3673300.00 200.86621 464050.00
3673300.00 201.57519

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002

```
, L0000003    , L0000004    , L0000005    ,
                L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                                *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                            ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         464100.00    3673300.00      172.36555                        464150.00
3673300.00      125.05673
         464200.00    3673300.00       96.00138                        464250.00
3673300.00       85.95488
         464300.00    3673300.00       84.32661                        464350.00
3673300.00       98.68977
         464400.00    3673300.00      104.43684                        464450.00
3673300.00      103.67401
         464500.00    3673300.00       96.70464                        464550.00
3673300.00       82.76873
         464600.00    3673300.00       66.59223                        464650.00
3673300.00       75.70685
         464700.00    3673300.00       62.23695                        464750.00
3673300.00       56.16160
         464800.00    3673300.00       52.44083                        464850.00
3673300.00       49.63095
         464900.00    3673300.00       44.74320                        465050.00
3673300.00       88.96886
         465100.00    3673300.00      107.03434                        465150.00
3673300.00      123.98188
         465200.00    3673300.00      128.75086                        463900.00
3673350.00      257.99447
         463950.00    3673350.00      262.12968                        464000.00
3673350.00      231.48980
         464050.00    3673350.00      219.05817                        464100.00
3673350.00      186.35514
         464150.00    3673350.00      138.53775                        464200.00
3673350.00      105.30575
         464250.00    3673350.00       97.82669                        464300.00
3673350.00      100.63529
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464350.00 3673350.00 113.09689 464400.00 3673350.00 117.33090
464450.00 3673350.00 110.78126 464500.00 3673350.00 97.25240
464550.00 3673350.00 78.18161 464600.00 3673350.00 77.71858
464650.00 3673350.00 71.68902 464700.00 3673350.00 63.19722
464750.00 3673350.00 57.25794 464800.00 3673350.00 52.56068
464850.00 3673350.00 58.77592 464900.00 3673350.00 76.27230
465100.00 3673350.00 137.27781 465150.00 3673350.00 136.79793
465200.00 3673350.00 126.25968 463850.00 3673400.00 319.23677
463900.00 3673400.00 315.35230 463950.00 3673400.00 293.45419
464000.00 3673400.00 270.15576 464050.00 3673400.00 239.90702
464100.00 3673400.00 203.43831 464150.00 3673400.00 154.43927
464200.00 3673400.00 118.55336 464250.00 3673400.00 112.51866
464300.00 3673400.00 120.03710 464350.00 3673400.00 132.27251
464400.00 3673400.00 129.62823 464450.00 3673400.00 114.05097
464500.00 3673400.00 91.98973 464550.00 3673400.00 76.03028
464600.00 3673400.00 82.38414 464650.00 3673400.00 71.07130
464700.00 3673400.00 63.51144 464750.00 3673400.00 66.14706
464800.00 3673400.00 82.24699 464850.00 3673400.00 102.99012
464900.00 3673400.00 120.52209 465200.00 3673400.00 102.75914
463850.00 3673450.00 359.81737 463900.00 3673450.00 403.32354
463950.00 3673450.00 362.41131 464000.00 3673450.00 322.29786
464050.00 3673450.00 265.91803 464100.00 3673450.00 223.92144
464150.00 3673450.00 174.19208 464200.00 3673450.00 135.63046
464250.00 3673450.00 134.83190 464300.00 3673450.00 147.27270

464350.00 3673450.00 153.70018 464400.00 3673450.00 137.89530
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464450.00	3673450.00	112.24001	464500.00	3673450.00	88.84396
464550.00	3673450.00	90.04847	464600.00	3673450.00	81.05109
464650.00	3673450.00	71.25274	464700.00	3673450.00	92.42525
464750.00	3673450.00	117.81999	464800.00	3673450.00	142.55212
464850.00	3673450.00	155.78239	464950.00	3673450.00	163.70102
465000.00	3673450.00	151.53561	463800.00	3673500.00	376.62059
463850.00	3673500.00	430.85997	463900.00	3673500.00	479.14002
463950.00	3673500.00	458.05910	464000.00	3673500.00	383.83667
464050.00	3673500.00	325.34301	464100.00		

3673500.00 250.32928
464150.00 3673500.00 200.21785 464200.00
3673500.00 164.33340
464250.00 3673500.00 168.04912 464300.00
3673500.00 182.21992
464350.00 3673500.00 171.19687 464400.00
3673500.00 141.29098
464450.00 3673500.00 108.77232 464500.00
3673500.00 101.06204
464550.00 3673500.00 92.95453 464600.00
3673500.00 100.43694
464650.00 3673500.00 128.93182 464700.00
3673500.00 160.15526
464750.00 3673500.00 189.78778 464800.00
3673500.00 194.67787
465000.00 3673500.00 118.32531 465050.00
3673500.00 95.57850
463750.00 3673550.00 334.83688 463800.00
3673550.00 393.68496
463850.00 3673550.00 495.88607 463900.00
3673550.00 559.24358
463950.00 3673550.00 574.53144 464000.00
3673550.00 487.36215
464050.00 3673550.00 397.84187 464100.00
3673550.00 291.16128
464150.00 3673550.00 233.57964 464200.00
3673550.00 203.15505
464250.00 3673550.00 213.52244 464300.00
3673550.00 215.88645
464350.00 3673550.00 182.42073 464400.00
3673550.00 137.77240
464450.00 3673550.00 117.32770 464500.00
3673550.00 117.90370
464550.00 3673550.00 145.87172 464600.00
3673550.00 181.49791
464650.00 3673550.00 219.83349 464700.00
3673550.00 234.00246
464750.00 3673550.00 222.62434 464800.00
3673550.00 192.81080
464850.00 3673550.00 152.28178 464900.00
3673550.00 121.13551
464950.00 3673550.00 101.69765 465000.00
3673550.00 85.46497
465050.00 3673550.00 83.78306 465100.00
3673550.00 81.25677
463650.00 3673600.00 294.96450 463700.00
3673600.00 306.24909
463750.00 3673600.00 324.94008 463800.00

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3673600.00      436.14660
         463850.00    3673600.00      526.85277                      463900.00
3673600.00      606.59803
         463950.00    3673600.00      696.44766                      464000.00
3673600.00      666.49774
         464050.00    3673600.00      512.14474                      464100.00
3673600.00      378.16815
         464150.00    3673600.00      280.51500                      464200.00
3673600.00      271.93923
         464250.00    3673600.00      274.23065                      464300.00
3673600.00      242.90230
         464350.00    3673600.00      184.30797                      464400.00
3673600.00      154.50253
         464450.00    3673600.00      169.64446                      464500.00
3673600.00      208.81141
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 155
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                        X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         464550.00    3673600.00      252.62178                      464600.00
3673600.00      282.96992
         464650.00    3673600.00      277.62748                      464700.00
3673600.00      239.61748
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464750.00 3673600.00 190.50564 464800.00 3673600.00 138.70117
464850.00 3673600.00 103.71156 464900.00 3673600.00 95.54334
464950.00 3673600.00 92.51413 465000.00 3673600.00 89.86987
463600.00 3673650.00 317.74919 463650.00 3673650.00 347.36834
463700.00 3673650.00 375.68485 463750.00 3673650.00 395.50345
463800.00 3673650.00 429.51104 463850.00 3673650.00 558.04765
463900.00 3673650.00 690.58020 463950.00 3673650.00 873.19693
464000.00 3673650.00 926.03993 464050.00 3673650.00 684.91391
464100.00 3673650.00 511.39938 464150.00 3673650.00 385.04235
464200.00 3673650.00 362.32593 464250.00 3673650.00 334.17125
464300.00 3673650.00 258.15627 464350.00 3673650.00 238.61591
464400.00 3673650.00 255.33296 464450.00 3673650.00 296.27485
464500.00 3673650.00 332.96360 464550.00 3673650.00 340.11726
464600.00 3673650.00 301.91056 464650.00 3673650.00 241.03266
464700.00 3673650.00 174.26919 464750.00 3673650.00 128.38947
464800.00 3673650.00 107.49169 464850.00 3673650.00 103.02808
464900.00 3673650.00 99.53714 464950.00 3673650.00 95.18779
465200.00 3673650.00 71.25629 463600.00 3673700.00 304.09619
463650.00 3673700.00 366.38733 463700.00 3673700.00 436.21948
463750.00 3673700.00 472.90437 463800.00 3673700.00 563.81234
463950.00 3673700.00 1082.98285 464000.00 3673700.00 1307.64306
464050.00 3673700.00 1054.22479 464100.00 3673700.00 730.41368
464150.00 3673700.00 550.64617 464200.00 3673700.00 475.25292
464250.00 3673700.00 406.65307 464300.00 3673700.00 387.06938

464350.00 3673700.00 406.24140 464400.00
3673700.00 421.02111
464450.00 3673700.00 418.48399 464500.00
3673700.00 377.53726
464550.00 3673700.00 298.76914 464600.00
3673700.00 221.07928
464650.00 3673700.00 158.14436 464700.00
3673700.00 123.05653
464750.00 3673700.00 115.60628 464800.00
3673700.00 109.11018
464850.00 3673700.00 102.03283 465200.00
3673700.00 65.77374
463650.00 3673750.00 343.54347 463700.00
3673750.00 401.43871
463750.00 3673750.00 518.21911 463800.00
3673750.00 632.94503
463900.00 3673750.00 930.50934 463950.00
3673750.00 1281.03062
464000.00 3673750.00 1840.21421 464050.00
3673750.00 1776.04352
464100.00 3673750.00 1147.23101 464150.00
3673750.00 813.36463
464200.00 3673750.00 712.81155 464250.00
3673750.00 630.77892
464300.00 3673750.00 618.51177 464350.00
3673750.00 589.80384
464400.00 3673750.00 500.09292 464450.00
3673750.00 375.40787
*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

PAGE 156
*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS

** CONC OF SO2 IN MICROGRAMS/M**3
**

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464500.00	3673750.00	269.48129	464550.00	3673750.00	190.50856
464600.00	3673750.00	142.40504	464650.00	3673750.00	132.53421
464700.00	3673750.00	121.63217	464750.00	3673750.00	110.73945
465150.00	3673750.00	69.03513	465200.00	3673750.00	66.28019
463750.00	3673800.00	527.03183	463800.00	3673800.00	650.30352
463900.00	3673800.00	976.75015	463950.00	3673800.00	1619.12008
464000.00	3673800.00	2477.96234	464050.00	3673800.00	3093.47081
464100.00	3673800.00	1976.82737	464150.00	3673800.00	1324.57555
464200.00	3673800.00	1117.91656	464300.00	3673800.00	766.30515
464350.00	3673800.00	555.90593	464400.00	3673800.00	368.74593
464450.00	3673800.00	221.49066	464500.00	3673800.00	184.24503
464550.00	3673800.00	158.11994	465100.00	3673800.00	66.13979
465150.00	3673800.00	62.74445	465200.00	3673800.00	59.85057
463900.00	3673850.00	1022.96528	463950.00	3673850.00	1503.34213
464000.00	3673850.00	2656.77239	464200.00	3673850.00	1585.81475
464750.00	3673850.00	89.03511	464800.00	3673850.00	83.31538
465100.00	3673850.00	61.02356	465150.00	3673850.00	59.20080
465200.00	3673850.00	57.49109	463950.00	3673900.00	1246.81703
464000.00	3673900.00	2614.18382	464200.00	3673900.00	1551.94353
464650.00	3673900.00	127.28552	464700.00		

3673900.00 112.70743
464750.00 3673900.00 100.87779 465100.00
3673900.00 66.15764
465150.00 3673900.00 63.53609 465200.00
3673900.00 61.11904
463500.00 3673950.00 157.91458 464000.00
3673950.00 1765.20800
464200.00 3673950.00 1679.65338 464550.00
3673950.00 162.15325
464600.00 3673950.00 144.37709 464650.00
3673950.00 131.12446
464700.00 3673950.00 120.59632 465100.00
3673950.00 74.10956
465150.00 3673950.00 70.77347 465200.00
3673950.00 67.67800
463450.00 3674000.00 120.63418 463500.00
3674000.00 132.05812
463550.00 3674000.00 149.36792 463600.00
3674000.00 171.72058
464050.00 3674000.00 1434.29776 464100.00
3674000.00 1157.54375
464150.00 3674000.00 1160.09275 464200.00
3674000.00 954.92096
464550.00 3674000.00 186.00548 464600.00
3674000.00 149.49687
464650.00 3674000.00 124.32617 465100.00
3674000.00 82.72416
465150.00 3674000.00 79.56118 465200.00
3674000.00 76.52392
463400.00 3674050.00 106.44361 463450.00
3674050.00 115.72979
463500.00 3674050.00 127.30510 463550.00
3674050.00 140.07206
463600.00 3674050.00 153.34484 463650.00
3674050.00 173.45727
464150.00 3674050.00 800.41148 464500.00
3674050.00 308.51921
464550.00 3674050.00 260.82841 464600.00
3674050.00 209.83576
465100.00 3674050.00 82.24072 465150.00
3674050.00 80.01808

*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465200.00	3674050.00	77.70972	463400.00	3674100.00	98.08663
463550.00	3674100.00	129.36643	463600.00	3674100.00	163.04301
463650.00	3674100.00	207.90447	463700.00	3674100.00	265.25398
464500.00	3674100.00	380.74889	464550.00	3674100.00	306.86026
465100.00	3674100.00	72.65761	465150.00	3674100.00	72.61157
465200.00	3674100.00	72.22049	463350.00	3674150.00	81.25794
463500.00	3674150.00	122.85231	463550.00	3674150.00	151.35339
463600.00	3674150.00	187.24060	463700.00	3674150.00	274.12183
464500.00	3674150.00	338.20596	464550.00	3674150.00	340.32827
465100.00	3674150.00	69.13501	465150.00	3674150.00	64.74393
465200.00	3674150.00	61.51117	463300.00	3674200.00	71.61133
463450.00	3674200.00	115.26279	463500.00	3674200.00	139.13663
463550.00	3674200.00	167.78424	463600.00	3674200.00	199.60050

463650.00 3674200.00 230.17944 463700.00 3674200.00 258.43605
464450.00 3674200.00 147.74592 464500.00 3674200.00 203.82279
465200.00 3674200.00 65.70492 463300.00 3674250.00 77.37737
463400.00 3674250.00 107.50364 463450.00 3674250.00 129.16099
463500.00 3674250.00 152.18555 463550.00 3674250.00 176.70533
465100.00 3674250.00 100.10835 465150.00 3674250.00 88.99348
465200.00 3674250.00 80.43397 463350.00 3674300.00 99.97584
463400.00 3674300.00 118.79756 463450.00 3674300.00 144.00891
463500.00 3674300.00 163.55145 463550.00 3674300.00 179.21026
463700.00 3674300.00 253.71758 463800.00 3674300.00 255.94198
463850.00 3674300.00 215.08720 463900.00 3674300.00 177.90374
463950.00 3674300.00 145.77681 464000.00 3674300.00 128.21716
465150.00 3674300.00 105.86904 465200.00 3674300.00 95.79041
463300.00 3674350.00 92.94391 463350.00 3674350.00 108.55603
463400.00 3674350.00 130.39187 463450.00 3674350.00 146.40524
463500.00 3674350.00 161.39442 463550.00 3674350.00 180.20100
463600.00 3674350.00 200.88665 463650.00 3674350.00 224.09412
463700.00 3674350.00 238.37550 463750.00 3674350.00 234.56313
463800.00 3674350.00 207.78633 463850.00 3674350.00 166.77632
463900.00 3674350.00 144.68504 465050.00 3674350.00 138.52641
465100.00 3674350.00 123.81245 465150.00 3674350.00 114.13734
465200.00 3674350.00 105.75251 463300.00 3674400.00 99.48545
463350.00 3674400.00 117.56158 463400.00 3674400.00 129.78909
463450.00 3674400.00 142.46369 463500.00 3674400.00 156.77752

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         463550.00    3674400.00      174.10064                       463600.00
3674400.00      193.66970
         463700.00    3674400.00      205.66039                       463750.00
3674400.00      189.02495
         463800.00    3674400.00      155.81505                       463850.00
3674400.00      134.68872
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 158
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                   **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - - -
         463900.00    3674400.00      114.39218                       463950.00
3674400.00      100.52622
         464150.00    3674400.00      156.57312                       465050.00
3674400.00      151.88081
         465100.00    3674400.00      139.40981                       465150.00
3674400.00      127.08553
         465200.00    3674400.00      115.08514                       463250.00
3674450.00       91.61766
         463300.00    3674450.00      106.35041                       463350.00
3674450.00      117.47017
         463400.00    3674450.00      126.61054                       463450.00
3674450.00      137.66990
         463500.00    3674450.00      152.73519                       463550.00
```

3674450.00 168.37706
463600.00 3674450.00 179.54340 463750.00
3674450.00 147.99156
463800.00 3674450.00 124.42621 463850.00
3674450.00 109.34291
463900.00 3674450.00 92.90409 463950.00
3674450.00 91.08186
464100.00 3674450.00 91.63297 464150.00
3674450.00 136.16586
464200.00 3674450.00 183.08545 465050.00
3674450.00 149.29828
465100.00 3674450.00 145.07149 465150.00
3674450.00 137.38500
465200.00 3674450.00 128.01361 463200.00
3674500.00 83.87040
463250.00 3674500.00 92.93022 463300.00
3674500.00 106.80545
463350.00 3674500.00 113.15430 463400.00
3674500.00 121.58692
463450.00 3674500.00 135.63825 463500.00
3674500.00 148.45303
463550.00 3674500.00 157.31846 463800.00
3674500.00 102.49521
463850.00 3674500.00 89.87273 463900.00
3674500.00 80.79837
464100.00 3674500.00 82.39457 464150.00
3674500.00 115.55684
464200.00 3674500.00 159.51908 464250.00
3674500.00 176.33029
463000.00 3674550.00 56.93035 463050.00
3674550.00 63.68269
463100.00 3674550.00 70.37202 463200.00
3674550.00 85.25473
463250.00 3674550.00 94.11800 463300.00
3674550.00 102.41554
463350.00 3674550.00 109.03100 463400.00
3674550.00 120.78494
463450.00 3674550.00 131.53003 463500.00
3674550.00 139.80813
463550.00 3674550.00 143.24456 463600.00
3674550.00 140.47517
463900.00 3674550.00 74.74079 464050.00
3674550.00 57.24071
464100.00 3674550.00 75.01556 464150.00
3674550.00 99.04910
464200.00 3674550.00 137.29594 464250.00
3674550.00 154.89801
464300.00 3674550.00 162.35984 464950.00

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3674550.00       75.90689
         465000.00    3674550.00       91.56372                      465050.00
3674550.00      106.65451
         465100.00    3674550.00      119.23300                      463000.00
3674600.00       59.60436
         463050.00    3674600.00       65.94697                      463200.00
3674600.00       84.51212
         463250.00    3674600.00       90.08136                      463300.00
3674600.00       98.95557
         463350.00    3674600.00      108.22629                      463400.00
3674600.00      116.88407
         463450.00    3674600.00      124.24155                      463500.00
3674600.00      128.31868
         463550.00    3674600.00      127.51870                      463600.00
3674600.00      120.34765
         464050.00    3674600.00       53.70494                      464100.00
3674600.00       69.00538
         464150.00    3674600.00       86.43785                      464200.00
3674600.00      117.53188
🡅 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 159
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

    *** THE   1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION    VALUES AVERAGED
OVER   3 YEARS FOR SOURCE GROUP: ALL      ***
                                  INCLUDING SOURCE(S):     L0000001    , L0000002
, L0000003    , L0000004    , L0000005    ,
                 L0000006    , L0000007    , L0000008    , L0000009    , L0000010
, L0000011    , L0000012    , L0000013    ,
                 L0000014    , L0000015    , L0000016    , L0000017    , L0000018
, L0000019    , L0000020    , L0000021    ,
                 L0000022    , L0000023    , L0000024    , L0000025    , L0000026
, L0000027    , L0000028    ,  . . .      ,

                                             *** DISCRETE CARTESIAN RECEPTOR POINTS
***

                                        ** CONC OF SO2      IN MICROGRAMS/M**3
                    **

       X-COORD (M)   Y-COORD (M)        CONC                         X-COORD (M)
Y-COORD (M)        CONC
 - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - - - - - -
```

464250.00 3674600.00 139.54485 464300.00 3674600.00 148.26596
464350.00 3674600.00 143.51152 464900.00 3674600.00 67.55522
464950.00 3674600.00 66.10782 465000.00 3674600.00 66.71982
465050.00 3674600.00 76.52857 465100.00 3674600.00 89.01370
463000.00 3674650.00 61.90825 463050.00 3674650.00 68.06778
463100.00 3674650.00 73.66057 463200.00 3674650.00 81.06207
463250.00 3674650.00 87.57509 463300.00 3674650.00 95.72649
463350.00 3674650.00 105.33968 463400.00 3674650.00 111.47704
463450.00 3674650.00 115.90252 463500.00 3674650.00 116.15257
463550.00 3674650.00 111.92830 463600.00 3674650.00 104.76710
464000.00 3674650.00 51.92837 464050.00 3674650.00 51.29819
464100.00 3674650.00 63.99584 464150.00 3674650.00 76.60934
464200.00 3674650.00 102.81322 464250.00 3674650.00 126.81936
464300.00 3674650.00 133.84412 464350.00 3674650.00 135.23151
464900.00 3674650.00 63.53651 464950.00 3674650.00 64.67136
465000.00 3674650.00 62.93534 465050.00 3674650.00 60.61202
465100.00 3674650.00 68.60265 465200.00 3674650.00 88.65600
463000.00 3674700.00 64.03611 463050.00 3674700.00 68.65222
463100.00 3674700.00 71.94448 463200.00 3674700.00 79.00942
463250.00 3674700.00 87.18548 463300.00 3674700.00 95.08270
463350.00 3674700.00 100.94219 463400.00 3674700.00 104.98115
463450.00 3674700.00 106.34434 463500.00 3674700.00 104.21656
463550.00 3674700.00 100.25020 463600.00 3674700.00 88.44179
464050.00 3674700.00 49.22815 464100.00 3674700.00 59.77677

464150.00 3674700.00 70.24478 464200.00 3674700.00 90.66213
464250.00 3674700.00 114.56271 464300.00 3674700.00 123.42001
464350.00 3674700.00 126.39491 464950.00 3674700.00 60.48745
465000.00 3674700.00 61.99090 465050.00 3674700.00 59.99833
465100.00 3674700.00 58.18948 465150.00 3674700.00 61.45735
465200.00 3674700.00 69.37190 463000.00 3674750.00 64.09051
463050.00 3674750.00 66.66176 463100.00 3674750.00 68.81013
463200.00 3674750.00 78.48362 463250.00 3674750.00 87.44540
463300.00 3674750.00 92.52332 463350.00 3674750.00 95.77370
463400.00 3674750.00 97.42774 463450.00 3674750.00 97.51287
463500.00 3674750.00 95.82079 463550.00 3674750.00 87.23129
463600.00 3674750.00 74.22144 464100.00 3674750.00 56.08643
464150.00 3674750.00 65.75752 464200.00 3674750.00 80.22594
464250.00 3674750.00 103.85008 464300.00 3674750.00 112.50494
464350.00 3674750.00 117.71383 465000.00 3674750.00 57.70812
465050.00 3674750.00 59.49551 465100.00 3674750.00 57.98929

*** AERMOD - VERSION 18081 *** *** C:\Lakes\AERMOD View\Alta Oceanside Construction\Alta Oceanside Cons *** 10/08/19
*** AERMET - VERSION 16216 *** ***
*** 13:42:44

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*** MODELOPTs: RegDFAULT CONC ELEV RURAL ADJ_U*

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,

L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
465150.00	3674750.00	56.20197	465200.00	3674750.00	55.17806
463000.00	3674800.00	62.44232	463050.00	3674800.00	64.30358
463100.00	3674800.00	68.18003	463150.00	3674800.00	72.43119
463200.00	3674800.00	76.88572	463250.00	3674800.00	82.22842
463300.00	3674800.00	88.21745	463350.00	3674800.00	89.98001
463400.00	3674800.00	90.95481	463450.00	3674800.00	91.17234
463500.00	3674800.00	85.13786	463550.00	3674800.00	73.36772
464150.00	3674800.00	61.76054	464200.00	3674800.00	72.67262
464250.00	3674800.00	94.42445	464400.00	3674800.00	102.28886
464450.00	3674800.00	103.69647	464500.00	3674800.00	91.63799
465100.00	3674800.00	57.15601	465150.00	3674800.00	56.17603
465200.00	3674800.00	54.23784	463000.00	3674850.00	60.46224
463050.00	3674850.00	63.86400	463100.00	3674850.00	67.09150
463150.00	3674850.00	71.01017	463200.00	3674850.00	74.63766
463250.00	3674850.00	78.32906	463300.00	3674850.00	83.36857
463350.00	3674850.00	85.45333	463400.00	3674850.00	86.62961
463450.00	3674850.00	82.38830	463500.00	3674850.00	73.27106
463550.00	3674850.00	62.03121	464200.00		

3674850.00 65.78808
464250.00 3674850.00 86.58272 464300.00
3674850.00 82.13844
464350.00 3674850.00 85.10496 464400.00
3674850.00 92.99795
464450.00 3674850.00 98.77565 464500.00
3674850.00 92.87041
465150.00 3674850.00 54.97490 465200.00
3674850.00 54.42506
463000.00 3674900.00 60.53764 463050.00
3674900.00 62.79677
463100.00 3674900.00 65.82545 463150.00
3674900.00 69.10268
463200.00 3674900.00 71.96359 463250.00
3674900.00 74.16345
463300.00 3674900.00 79.84512 463350.00
3674900.00 82.26841
463400.00 3674900.00 79.91748 463450.00
3674900.00 72.47737
463500.00 3674900.00 61.51574 463550.00
3674900.00 52.01429
464300.00 3674900.00 78.94671 464350.00
3674900.00 78.19802
464400.00 3674900.00 85.49860 464450.00
3674900.00 97.16025
464500.00 3674900.00 95.25966 464550.00
3674900.00 82.71605
464600.00 3674900.00 68.70452 464650.00
3674900.00 61.74535
463000.00 3674950.00 59.34710 463050.00
3674950.00 62.27991
463100.00 3674950.00 64.64051 463150.00
3674950.00 66.88270
463200.00 3674950.00 68.93514 463250.00
3674950.00 72.81814
463300.00 3674950.00 77.19744 463350.00
3674950.00 76.70336
463400.00 3674950.00 71.38105 463450.00
3674950.00 62.14518
463500.00 3674950.00 52.46799 463550.00
3674950.00 44.53962
464100.00 3674950.00 47.16206 464150.00
3674950.00 51.91752
464400.00 3674950.00 81.00594 464450.00
3674950.00 93.31125

*** THE 1ST-HIGHEST MAX DAILY 1-HR AVERAGE CONCENTRATION VALUES AVERAGED OVER 3 YEARS FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000001 , L0000002 , L0000003 , L0000004 , L0000005 ,
L0000006 , L0000007 , L0000008 , L0000009 , L0000010 , L0000011 , L0000012 , L0000013 ,
L0000014 , L0000015 , L0000016 , L0000017 , L0000018 , L0000019 , L0000020 , L0000021 ,
L0000022 , L0000023 , L0000024 , L0000025 , L0000026 , L0000027 , L0000028 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
464500.00	3674950.00	93.02316	464550.00	3674950.00	84.19136
464600.00	3674950.00	72.68878	464650.00	3674950.00	58.56976

*** THE SUMMARY OF MAXIMUM PERIOD (26304 HRS) RESULTS ***

** CONC OF SO2 IN MICROGRAMS/M**3 **

GROUP ID	NETWORK AVERAGE CONC	RECEPTOR (XR, YR, ZELEV,

```
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS     134.56826 AT (  464200.00,  3673900.00,    18.86,
   18.86,    0.00)  DC
          2ND HIGHEST VALUE IS     103.11626 AT (  464200.00,  3673950.00,    20.08,
   20.08,    0.00)  DC
          3RD HIGHEST VALUE IS      74.86142 AT (  464200.00,  3673850.00,    18.71,
   18.71,    0.00)  DC
          4TH HIGHEST VALUE IS      47.19671 AT (  464000.00,  3673850.00,    16.50,
   16.50,    0.00)  DC
          5TH HIGHEST VALUE IS      43.05713 AT (  464150.00,  3674000.00,    18.31,
   18.31,    0.00)  DC
          6TH HIGHEST VALUE IS      42.20023 AT (  464000.00,  3673900.00,    15.97,
   16.19,    0.00)  DC
          7TH HIGHEST VALUE IS      38.82006 AT (  464200.00,  3674000.00,    19.34,
   19.34,    0.00)  DC
          8TH HIGHEST VALUE IS      38.34831 AT (  464050.00,  3673800.00,    16.27,
   16.27,    0.00)  DC
          9TH HIGHEST VALUE IS      37.38523 AT (  464100.00,  3673800.00,    16.77,
   16.77,    0.00)  DC
         10TH HIGHEST VALUE IS      35.91177 AT (  464100.00,  3674000.00,    17.30,
   17.30,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
↑ *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44

                                  PAGE 163
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

                      *** THE SUMMARY OF MAXIMUM   1ST-HIGHEST MAX DAILY  1-HR
RESULTS AVERAGED OVER   3 YEARS ***


                                    ** CONC OF SO2      IN MICROGRAMS/M**3
               **



                        NETWORK
GROUP ID                      AVERAGE CONC                RECEPTOR  (XR, YR, ZELEV,
```

```
ZHILL, ZFLAG)  OF TYPE  GRID-ID
- - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - - -
- - - - - - - - - - - - - - - - - - -

ALL       1ST HIGHEST VALUE IS    3093.47081 AT (  464050.00,  3673800.00,    16.27,
   16.27,    0.00)  DC
          2ND HIGHEST VALUE IS    2656.77239 AT (  464000.00,  3673850.00,    16.50,
   16.50,    0.00)  DC
          3RD HIGHEST VALUE IS    2614.18382 AT (  464000.00,  3673900.00,    15.97,
   16.19,    0.00)  DC
          4TH HIGHEST VALUE IS    2477.96234 AT (  464000.00,  3673800.00,    16.15,
   16.15,    0.00)  DC
          5TH HIGHEST VALUE IS    1976.82737 AT (  464100.00,  3673800.00,    16.77,
   16.77,    0.00)  DC
          6TH HIGHEST VALUE IS    1840.21421 AT (  464000.00,  3673750.00,    15.71,
   15.71,    0.00)  DC
          7TH HIGHEST VALUE IS    1776.04352 AT (  464050.00,  3673750.00,    16.83,
   16.83,    0.00)  DC
          8TH HIGHEST VALUE IS    1765.20800 AT (  464000.00,  3673950.00,     8.39,
   17.60,    0.00)  DC
          9TH HIGHEST VALUE IS    1679.65338 AT (  464200.00,  3673950.00,    20.08,
   20.08,    0.00)  DC
         10TH HIGHEST VALUE IS    1619.12008 AT (  463950.00,  3673800.00,    15.67,
   15.67,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
 *** AERMOD - VERSION  18081 ***   *** C:\Lakes\AERMOD View\Alta Oceanside
Construction\Alta Oceanside Cons ***        10/08/19
 *** AERMET - VERSION  16216 ***   ***
                       ***        13:42:44
```



```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  RURAL  ADJ_U*

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

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

 A Total of            0 Fatal Error Message(s)
 A Total of           39 Warning Message(s)
 A Total of          459 Informational Message(s)

 A Total of        26304 Hours Were Processed
```

```
 A Total of           57 Calm Hours Identified

 A Total of          402 Missing Hours Identified (  1.53 Percent)


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


    ********   WARNING MESSAGES   ********
 CO W361      25       COCARD: Multiyear PERIOD/ANNUAL values for NO2/SO2 require
MULTYEAR Opt
 ME W186    6117       MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used
     0.50
 ME W187    6117       MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

 MX W441   14167        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081407
 MX W441   14168        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081408
 MX W441   14169        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081409
 MX W441   14170        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081410
 MX W441   14171        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081411
 MX W441   14172        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081412
 MX W441   14173        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081413
 MX W441   14174        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081414
 MX W441   14175        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081415
 MX W441   14176        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081416
 MX W441   14177        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081417
 MX W441   14178        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081418
 MX W441   14191        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081507
 MX W441   14192        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081508
 MX W441   14193        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081509
 MX W441   14194        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
 11081510
```

```
MX W441   14195        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081511
MX W441   14196        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081512
MX W441   14197        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081513
MX W441   14198        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081514
MX W441   14199        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081515
MX W441   14200        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081516
MX W441   14201        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081517
MX W441   14202        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081518
MX W441   14215        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081607
MX W441   14216        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081608
MX W441   14217        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081609
MX W441   14218        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081610
MX W441   14219        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081611
MX W441   14220        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081612
MX W441   14221        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081613
MX W441   14222        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081614
MX W441   14223        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081615
MX W441   14224        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081616
MX W441   14225        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081617
MX W441   14226        METQA: Vert Pot Temp Grad abv ZI set to min .005, KURDAT=
11081618

   ************************************
   *** AERMOD Finishes Successfully ***
   ************************************
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*HARP - HRACalc v19044 10/8/2019 2:07:34 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR 2019.04\HRA\HARP2\Variable\AltaOceansideMitConstruction\hra\AltaO

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		464300	3672750	1.65E-08	2.17YrCanc	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		464350	3672750	1.62E-08	2.17YrCanc	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		464400	3672750	1.58E-08	2.17YrCanc	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		464450	3672750	1.55E-08	2.17YrCanc	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		464500	3672750	1.53E-08	2.17YrCanc	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		464550	3672750	1.52E-08	2.17YrCanc	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		464600	3672750	1.51E-08	2.17YrCanc	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		464650	3672750	1.50E-08	2.17YrCanc	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		464700	3672750	1.49E-08	2.17YrCanc	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		464750	3672750	1.46E-08	2.17YrCanc	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		464800	3672750	1.43E-08	2.17YrCanc	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		464850	3672750	1.42E-08	2.17YrCanc	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		464900	3672750	1.41E-08	2.17YrCanc	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		464950	3672750	1.39E-08	2.17YrCanc	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		465000	3672750	1.40E-08	2.17YrCanc	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		465050	3672750	1.40E-08	2.17YrCanc	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		465100	3672750	1.39E-08	2.17YrCanc	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		465150	3672750	1.40E-08	2.17YrCanc	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		465200	3672750	1.41E-08	2.17YrCanc	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		464300	3672800	1.76E-08	2.17YrCanc	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		464350	3672800	1.73E-08	2.17YrCanc	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		464400	3672800	1.69E-08	2.17YrCanc	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		464450	3672800	1.66E-08	2.17YrCanc	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		464500	3672800	1.64E-08	2.17YrCanc	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		464550	3672800	1.63E-08	2.17YrCanc	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		464600	3672800	1.62E-08	2.17YrCanc	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		464650	3672800	1.60E-08	2.17YrCanc	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL		464700	3672800	1.57E-08	2.17YrCanc	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		464750	3672800	1.54E-08	2.17YrCanc	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
30	ALL		464800	3672800	1.53E-08	2.17YrCanc	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		464850	3672800	1.52E-08	2.17YrCanc	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
32	ALL		464900	3672800	1.49E-08	2.17YrCanc	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
33	ALL		464950	3672800	1.49E-08	2.17YrCanc	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
34	ALL		465000	3672800	1.49E-08	2.17YrCanc	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL		465050	3672800	1.50E-08	2.17YrCanc	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
36	ALL		465100	3672800	1.50E-08	2.17YrCanc	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
37	ALL		465150	3672800	1.52E-08	2.17YrCanc	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
38	ALL		465200	3672800	1.53E-08	2.17YrCanc	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		464250	3672850	1.96E-08	2.17YrCanc	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
40	ALL		464300	3672850	1.91E-08	2.17YrCanc	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL		464350	3672850	1.85E-08	2.17YrCanc	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
42	ALL		464400	3672850	1.81E-08	2.17YrCanc	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
43	ALL		464450	3672850	1.78E-08	2.17YrCanc	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		464500	3672850	1.76E-08	2.17YrCanc	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
45	ALL		464550	3672850	1.75E-08	2.17YrCanc	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		464600	3672850	1.73E-08	2.17YrCanc	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		464650	3672850	1.71E-08	2.17YrCanc	1.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL		464700	3672850	1.68E-08	2.17YrCanc	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
49	ALL		464750	3672850	1.65E-08	2.17YrCanc	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL		464800	3672850	1.64E-08	2.17YrCanc	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL		464850	3672850	1.63E-08	2.17YrCanc	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL		464900	3672850	1.62E-08	2.17YrCanc	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		464950	3672850	1.60E-08	2.17YrCanc	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		465000	3672850	1.62E-08	2.17YrCanc	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		465050	3672850	1.62E-08	2.17YrCanc	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL		465100	3672850	1.64E-08	2.17YrCanc	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
57	ALL		465150	3672850	1.66E-08	2.17YrCanc	1.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
58	ALL		465200	3672850	1.67E-08	2.17YrCanc	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL		464400	3672900	1.96E-08	2.17YrCanc	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL		464450	3672900	1.92E-08	2.17YrCanc	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL		464500	3672900	1.90E-08	2.17YrCanc	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL		464550	3672900	1.89E-08	2.17YrCanc	1.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
63	ALL		464600	3672900	1.87E-08	2.17YrCanc	1.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL		464650	3672900	1.83E-08	2.17YrCanc	1.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
65	ALL		464700	3672900	1.80E-08	2.17YrCanc	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
66	ALL		464750	3672900	1.79E-08	2.17YrCanc	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
67	ALL		464800	3672900	1.78E-08	2.17YrCanc	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		464850	3672900	1.76E-08	2.17YrCanc	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
69	ALL		464900	3672900	1.74E-08	2.17YrCanc	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		464950	3672900	1.75E-08	2.17YrCanc	1.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		465000	3672900	1.76E-08	2.17YrCanc	1.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
72	ALL		465050	3672900	1.78E-08	2.17YrCanc	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		465100	3672900	1.80E-08	2.17YrCanc	1.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
74	ALL		465150	3672900	1.82E-08	2.17YrCanc	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
75	ALL		465200	3672900	1.84E-08	2.17YrCanc	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL		464150	3672950	2.56E-08	2.17YrCanc	2.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		464200	3672950	2.42E-08	2.17YrCanc	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL		464350	3672950	2.17E-08	2.17YrCanc	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		464400	3672950	2.12E-08	2.17YrCanc	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		464450	3672950	2.09E-08	2.17YrCanc	2.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		464500	3672950	2.07E-08	2.17YrCanc	2.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL		464550	3672950	2.03E-08	2.17YrCanc	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
83	ALL		464600	3672950	2.01E-08	2.17YrCanc	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL		464650	3672950	1.98E-08	2.17YrCanc	1.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		464700	3672950	1.95E-08	2.17YrCanc	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL		464750	3672950	1.94E-08	2.17YrCanc	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL		464800	3672950	1.94E-08	2.17YrCanc	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL		464850	3672950	1.92E-08	2.17YrCanc	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

89	ALL	464900	3672950	1.91E-08	2.17YrCanc	1.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	464950	3672950	1.93E-08	2.17YrCanc	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	465000	3672950	1.95E-08	2.17YrCanc	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	465050	3672950	1.97E-08	2.17YrCanc	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	465100	3672950	1.99E-08	2.17YrCanc	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	465150	3672950	2.00E-08	2.17YrCanc	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
95	ALL	465200	3672950	2.01E-08	2.17YrCanc	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
96	ALL	464150	3673000	2.80E-08	2.17YrCanc	2.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
97	ALL	464200	3673000	2.67E-08	2.17YrCanc	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
98	ALL	464250	3673000	2.54E-08	2.17YrCanc	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
99	ALL	464300	3673000	2.44E-08	2.17YrCanc	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	464350	3673000	2.37E-08	2.17YrCanc	2.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
101	ALL	464400	3673000	2.32E-08	2.17YrCanc	2.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
102	ALL	464450	3673000	2.28E-08	2.17YrCanc	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	464500	3673000	2.26E-08	2.17YrCanc	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	464550	3673000	2.23E-08	2.17YrCanc	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	464600	3673000	2.20E-08	2.17YrCanc	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	464650	3673000	2.16E-08	2.17YrCanc	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	464700	3673000	2.14E-08	2.17YrCanc	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	464750	3673000	2.14E-08	2.17YrCanc	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	464800	3673000	2.12E-08	2.17YrCanc	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	464850	3673000	2.10E-08	2.17YrCanc	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	464900	3673000	2.13E-08	2.17YrCanc	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	464950	3673000	2.15E-08	2.17YrCanc	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	465000	3673000	2.17E-08	2.17YrCanc	2.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	465050	3673000	2.20E-08	2.17YrCanc	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	465100	3673000	2.21E-08	2.17YrCanc	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	465150	3673000	2.22E-08	2.17YrCanc	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	465200	3673000	2.22E-08	2.17YrCanc	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	464100	3673050	3.32E-08	2.17YrCanc	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
119	ALL	464150	3673050	3.12E-08	2.17YrCanc	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	464200	3673050	2.93E-08	2.17YrCanc	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
121	ALL	464250	3673050	2.79E-08	2.17YrCanc	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
122	ALL	464300	3673050	2.68E-08	2.17YrCanc	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
123	ALL	464350	3673050	2.60E-08	2.17YrCanc	2.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	464400	3673050	2.55E-08	2.17YrCanc	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
125	ALL	464450	3673050	2.51E-08	2.17YrCanc	2.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
126	ALL	464500	3673050	2.49E-08	2.17YrCanc	2.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	464550	3673050	2.45E-08	2.17YrCanc	2.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
128	ALL	464600	3673050	2.40E-08	2.17YrCanc	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	464650	3673050	2.38E-08	2.17YrCanc	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	464700	3673050	2.36E-08	2.17YrCanc	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	464750	3673050	2.38E-08	2.17YrCanc	2.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	464800	3673050	2.35E-08	2.17YrCanc	2.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	464850	3673050	2.36E-08	2.17YrCanc	2.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	464900	3673050	2.39E-08	2.17YrCanc	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
135	ALL	464950	3673050	2.41E-08	2.17YrCanc	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
136	ALL	465000	3673050	2.44E-08	2.17YrCanc	2.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	465050	3673050	2.46E-08	2.17YrCanc	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	465100	3673050	2.46E-08	2.17YrCanc	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	465150	3673050	2.46E-08	2.17YrCanc	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	465200	3673050	2.46E-08	2.17YrCanc	2.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	464050	3673100	3.99E-08	2.17YrCanc	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
142	ALL	464100	3673100	3.71E-08	2.17YrCanc	3.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	464150	3673100	3.48E-08	2.17YrCanc	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
144	ALL	464200	3673100	3.26E-08	2.17YrCanc	3.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	464250	3673100	3.09E-08	2.17YrCanc	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
146	ALL	464300	3673100	2.97E-08	2.17YrCanc	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	464350	3673100	2.89E-08	2.17YrCanc	2.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
148	ALL	464400	3673100	2.83E-08	2.17YrCanc	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
149	ALL	464450	3673100	2.79E-08	2.17YrCanc	2.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
150	ALL	464500	3673100	2.76E-08	2.17YrCanc	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	464550	3673100	2.70E-08	2.17YrCanc	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	464600	3673100	2.66E-08	2.17YrCanc	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	464650	3673100	2.66E-08	2.17YrCanc	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	464700	3673100	2.66E-08	2.17YrCanc	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	464750	3673100	2.64E-08	2.17YrCanc	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	464800	3673100	2.64E-08	2.17YrCanc	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	464850	3673100	2.67E-08	2.17YrCanc	2.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	464900	3673100	2.70E-08	2.17YrCanc	2.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	464950	3673100	2.73E-08	2.17YrCanc	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	465000	3673100	2.75E-08	2.17YrCanc	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	465050	3673100	2.76E-08	2.17YrCanc	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
162	ALL	465100	3673100	2.75E-08	2.17YrCanc	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
163	ALL	465150	3673100	2.75E-08	2.17YrCanc	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
164	ALL	465200	3673100	2.76E-08	2.17YrCanc	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
165	ALL	464050	3673150	4.51E-08	2.17YrCanc	4.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	464100	3673150	4.21E-08	2.17YrCanc	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
167	ALL	464150	3673150	3.90E-08	2.17YrCanc	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
168	ALL	464200	3673150	3.65E-08	2.17YrCanc	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
169	ALL	464250	3673150	3.46E-08	2.17YrCanc	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
170	ALL	464300	3673150	3.33E-08	2.17YrCanc	3.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	464350	3673150	3.23E-08	2.17YrCanc	3.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	464400	3673150	3.17E-08	2.17YrCanc	3.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	464450	3673150	3.13E-08	2.17YrCanc	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	464500	3673150	3.07E-08	2.17YrCanc	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	464550	3673150	3.02E-08	2.17YrCanc	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	464600	3673150	3.01E-08	2.17YrCanc	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	464650	3673150	3.01E-08	2.17YrCanc	3.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	464700	3673150	3.02E-08	2.17YrCanc	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

179	ALL	464750	3673150	3.00E-08	2.17YrCanc	3.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	464800	3673150	3.02E-08	2.17YrCanc	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
181	ALL	464850	3673150	3.07E-08	2.17YrCanc	3.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
182	ALL	464900	3673150	3.09E-08	2.17YrCanc	3.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
183	ALL	464950	3673150	3.11E-08	2.17YrCanc	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
184	ALL	465000	3673150	3.12E-08	2.17YrCanc	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	465050	3673150	3.12E-08	2.17YrCanc	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	465100	3673150	3.12E-08	2.17YrCanc	3.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	465150	3673150	3.11E-08	2.17YrCanc	3.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	465200	3673150	3.15E-08	2.17YrCanc	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	464000	3673200	5.56E-08	2.17YrCanc	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	464050	3673200	5.20E-08	2.17YrCanc	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	464100	3673200	4.80E-08	2.17YrCanc	4.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	464150	3673200	4.43E-08	2.17YrCanc	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL	464200	3673200	4.13E-08	2.17YrCanc	4.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
194	ALL	464250	3673200	3.92E-08	2.17YrCanc	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
195	ALL	464300	3673200	3.77E-08	2.17YrCanc	3.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	464350	3673200	3.67E-08	2.17YrCanc	3.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	464400	3673200	3.60E-08	2.17YrCanc	3.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	464450	3673200	3.55E-08	2.17YrCanc	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
199	ALL	464500	3673200	3.46E-08	2.17YrCanc	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
200	ALL	464550	3673200	3.44E-08	2.17YrCanc	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
201	ALL	464600	3673200	3.46E-08	2.17YrCanc	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	464650	3673200	3.49E-08	2.17YrCanc	3.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	464700	3673200	3.44E-08	2.17YrCanc	3.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	464750	3673200	3.46E-08	2.17YrCanc	3.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	464800	3673200	3.50E-08	2.17YrCanc	3.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	464850	3673200	3.53E-08	2.17YrCanc	3.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	464900	3673200	3.56E-08	2.17YrCanc	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	464950	3673200	3.57E-08	2.17YrCanc	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL	465000	3673200	3.58E-08	2.17YrCanc	3.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL	465050	3673200	3.57E-08	2.17YrCanc	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
211	ALL	465100	3673200	3.57E-08	2.17YrCanc	3.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	465150	3673200	3.59E-08	2.17YrCanc	3.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	465200	3673200	3.65E-08	2.17YrCanc	3.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	463950	3673250	6.97E-08	2.17YrCanc	6.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	464000	3673250	6.48E-08	2.17YrCanc	6.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	464050	3673250	6.03E-08	2.17YrCanc	6.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	464100	3673250	5.53E-08	2.17YrCanc	5.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	464150	3673250	5.09E-08	2.17YrCanc	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	464200	3673250	4.74E-08	2.17YrCanc	4.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	464250	3673250	4.49E-08	2.17YrCanc	4.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	464300	3673250	4.32E-08	2.17YrCanc	4.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	464350	3673250	4.21E-08	2.17YrCanc	4.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	464400	3673250	4.14E-08	2.17YrCanc	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
224	ALL	464450	3673250	4.07E-08	2.17YrCanc	4.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
225	ALL	464500	3673250	4.00E-08	2.17YrCanc	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	464550	3673250	3.99E-08	2.17YrCanc	3.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	464600	3673250	3.95E-08	2.17YrCanc	3.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	464650	3673250	4.00E-08	2.17YrCanc	4.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	464700	3673250	4.02E-08	2.17YrCanc	4.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	464750	3673250	4.05E-08	2.17YrCanc	4.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	464800	3673250	4.09E-08	2.17YrCanc	4.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
232	ALL	464850	3673250	4.12E-08	2.17YrCanc	4.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
233	ALL	464900	3673250	4.14E-08	2.17YrCanc	4.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
234	ALL	465050	3673250	4.15E-08	2.17YrCanc	4.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	465100	3673250	4.16E-08	2.17YrCanc	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
236	ALL	465150	3673250	4.20E-08	2.17YrCanc	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	465200	3673250	4.26E-08	2.17YrCanc	4.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	463950	3673300	8.28E-08	2.17YrCanc	8.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	464000	3673300	7.75E-08	2.17YrCanc	7.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
240	ALL	464050	3673300	7.09E-08	2.17YrCanc	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
241	ALL	464100	3673300	6.47E-08	2.17YrCanc	6.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	464150	3673300	5.94E-08	2.17YrCanc	5.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
243	ALL	464200	3673300	5.52E-08	2.17YrCanc	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	464250	3673300	5.23E-08	2.17YrCanc	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	464300	3673300	5.03E-08	2.17YrCanc	5.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	464350	3673300	4.91E-08	2.17YrCanc	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	464400	3673300	4.81E-08	2.17YrCanc	4.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	464450	3673300	4.73E-08	2.17YrCanc	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
249	ALL	464500	3673300	4.72E-08	2.17YrCanc	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	464550	3673300	4.76E-08	2.17YrCanc	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	464600	3673300	4.84E-08	2.17YrCanc	4.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	464650	3673300	4.73E-08	2.17YrCanc	4.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	464700	3673300	4.78E-08	2.17YrCanc	4.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	464750	3673300	4.83E-08	2.17YrCanc	4.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	464800	3673300	4.87E-08	2.17YrCanc	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	464850	3673300	4.87E-08	2.17YrCanc	4.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	464900	3673300	4.89E-08	2.17YrCanc	4.89E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	465050	3673300	4.88E-08	2.17YrCanc	4.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	465100	3673300	4.90E-08	2.17YrCanc	4.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	465150	3673300	4.94E-08	2.17YrCanc	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	465200	3673300	4.93E-08	2.17YrCanc	4.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	463900	3673350	1.08E-07	2.17YrCanc	1.08E-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
263	ALL	463950	3673350	1.02E-07	2.17YrCanc	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	464000	3673350	9.34E-08	2.17YrCanc	9.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
265	ALL	464050	3673350	8.50E-08	2.17YrCanc	8.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	464100	3673350	7.72E-08	2.17YrCanc	7.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	464150	3673350	7.06E-08	2.17YrCanc	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	464200	3673350	6.54E-08	2.17YrCanc	6.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

269	ALL	464250	3673350	6.20E-08	2.17YrCanc	6.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	464300	3673350	5.98E-08	2.17YrCanc	5.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	464350	3673350	5.84E-08	2.17YrCanc	5.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
272	ALL	464400	3673350	5.70E-08	2.17YrCanc	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	464450	3673350	5.66E-08	2.17YrCanc	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	464500	3673350	5.66E-08	2.17YrCanc	5.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	464550	3673350	5.76E-08	2.17YrCanc	5.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	464600	3673350	5.72E-08	2.17YrCanc	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
277	ALL	464650	3673350	5.74E-08	2.17YrCanc	5.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	464700	3673350	5.78E-08	2.17YrCanc	5.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	464750	3673350	5.85E-08	2.17YrCanc	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	464800	3673350	5.87E-08	2.17YrCanc	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	464850	3673350	5.85E-08	2.17YrCanc	5.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
282	ALL	464900	3673350	5.82E-08	2.17YrCanc	5.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	465100	3673350	5.77E-08	2.17YrCanc	5.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	465150	3673350	5.72E-08	2.17YrCanc	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	465200	3673350	5.63E-08	2.17YrCanc	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	463850	3673400	1.44E-07	2.17YrCanc	1.44E-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
287	ALL	463900	3673400	1.35E-07	2.17YrCanc	1.35E-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
288	ALL	463950	3673400	1.27E-07	2.17YrCanc	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	464000	3673400	1.15E-07	2.17YrCanc	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	464050	3673400	1.04E-07	2.17YrCanc	1.04E-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	0.00E+00	0.00E+00
291	ALL	464100	3673400	9.41E-08	2.17YrCanc	9.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
292	ALL	464150	3673400	8.56E-08	2.17YrCanc	8.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	464200	3673400	7.93E-08	2.17YrCanc	7.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	464250	3673400	7.51E-08	2.17YrCanc	7.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	464300	3673400	7.26E-08	2.17YrCanc	7.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
296	ALL	464350	3673400	7.04E-08	2.17YrCanc	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	464400	3673400	6.95E-08	2.17YrCanc	6.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	464450	3673400	6.94E-08	2.17YrCanc	6.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	464500	3673400	7.05E-08	2.17YrCanc	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	464550	3673400	7.11E-08	2.17YrCanc	7.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	464600	3673400	7.05E-08	2.17YrCanc	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL	464650	3673400	7.09E-08	2.17YrCanc	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL	464700	3673400	7.16E-08	2.17YrCanc	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	464750	3673400	7.19E-08	2.17YrCanc	7.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	464800	3673400	7.16E-08	2.17YrCanc	7.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	464850	3673400	7.09E-08	2.17YrCanc	7.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	464900	3673400	7.01E-08	2.17YrCanc	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	465200	3673400	6.39E-08	2.17YrCanc	6.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	463850	3673450	1.82E-07	2.17YrCanc	1.82E-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
310	ALL	463900	3673450	1.76E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
311	ALL	463950	3673450	1.62E-07	2.17YrCanc	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	0.00E+00	0.00E+00
312	ALL	464000	3673450	1.47E-07	2.17YrCanc	1.47E-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
313	ALL	464050	3673450	1.31E-07	2.17YrCanc	1.31E-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
314	ALL	464100	3673450	1.18E-07	2.17YrCanc	1.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	464150	3673450	1.07E-07	2.17YrCanc	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	464200	3673450	9.86E-08	2.17YrCanc	9.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	464250	3673450	9.36E-08	2.17YrCanc	9.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	464300	3673450	9.05E-08	2.17YrCanc	9.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	464350	3673450	8.80E-08	2.17YrCanc	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
320	ALL	464400	3673450	8.76E-08	2.17YrCanc	8.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	464450	3673450	8.82E-08	2.17YrCanc	8.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	464500	3673450	8.97E-08	2.17YrCanc	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	464550	3673450	8.92E-08	2.17YrCanc	8.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	464600	3673450	8.92E-08	2.17YrCanc	8.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
325	ALL	464650	3673450	9.00E-08	2.17YrCanc	9.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	464700	3673450	9.06E-08	2.17YrCanc	9.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	464750	3673450	9.01E-08	2.17YrCanc	9.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	464800	3673450	8.88E-08	2.17YrCanc	8.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	464850	3673450	8.68E-08	2.17YrCanc	8.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	464950	3673450	8.37E-08	2.17YrCanc	8.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	465000	3673450	8.18E-08	2.17YrCanc	8.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	463800	3673500	2.41E-07	2.17YrCanc	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	463850	3673500	2.43E-07	2.17YrCanc	2.43E-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
334	ALL	463900	3673500	2.31E-07	2.17YrCanc	2.31E-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
335	ALL	463950	3673500	2.14E-07	2.17YrCanc	2.14E-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
336	ALL	464000	3673500	1.92E-07	2.17YrCanc	1.92E-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
337	ALL	464050	3673500	1.72E-07	2.17YrCanc	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	464100	3673500	1.52E-07	2.17YrCanc	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	464150	3673500	1.37E-07	2.17YrCanc	1.37E-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
340	ALL	464200	3673500	1.27E-07	2.17YrCanc	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	464250	3673500	1.20E-07	2.17YrCanc	1.20E-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
342	ALL	464300	3673500	1.15E-07	2.17YrCanc	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	464350	3673500	1.14E-07	2.17YrCanc	1.14E-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
344	ALL	464400	3673500	1.14E-07	2.17YrCanc	1.14E-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
345	ALL	464450	3673500	1.16E-07	2.17YrCanc	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	0.00E+00	0.00E+00
346	ALL	464500	3673500	1.17E-07	2.17YrCanc	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	0.00E+00	0.00E+00
347	ALL	464550	3673500	1.16E-07	2.17YrCanc	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	0.00E+00	0.00E+00
348	ALL	464600	3673500	1.17E-07	2.17YrCanc	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	0.00E+00	0.00E+00
349	ALL	464650	3673500	1.17E-07	2.17YrCanc	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	0.00E+00	0.00E+00
350	ALL	464700	3673500	1.16E-07	2.17YrCanc	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	0.00E+00	0.00E+00
351	ALL	464750	3673500	1.14E-07	2.17YrCanc	1.14E-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
352	ALL	464800	3673500	1.10E-07	2.17YrCanc	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	465000	3673500	9.52E-08	2.17YrCanc	9.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL	465050	3673500	9.14E-08	2.17YrCanc	9.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL	463750	3673550	3.01E-07	2.17YrCanc	3.01E-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
356	ALL	463800	3673550	3.14E-07	2.17YrCanc	3.14E-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
357	ALL	463850	3673550	3.23E-07	2.17YrCanc	3.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	463900	3673550	3.15E-07	2.17YrCanc	3.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

359	ALL	463950	3673550	2.93E-07	2.17YrCanc	2.93E-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
360	ALL	464000	3673550	2.65E-07	2.17YrCanc	2.65E-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
361	ALL	464050	3673550	2.34E-07	2.17YrCanc	2.34E-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
362	ALL	464100	3673550	2.06E-07	2.17YrCanc	2.06E-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
363	ALL	464150	3673550	1.84E-07	2.17YrCanc	1.84E-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
364	ALL	464200	3673550	1.70E-07	2.17YrCanc	1.70E-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
365	ALL	464250	3673550	1.61E-07	2.17YrCanc	1.61E-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
366	ALL	464300	3673550	1.56E-07	2.17YrCanc	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	464350	3673550	1.55E-07	2.17YrCanc	1.55E-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
368	ALL	464400	3673550	1.58E-07	2.17YrCanc	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	0.00E+00	0.00E+00
369	ALL	464450	3673550	1.59E-07	2.17YrCanc	1.59E-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
370	ALL	464500	3673550	1.60E-07	2.17YrCanc	1.60E-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
371	ALL	464550	3673550	1.59E-07	2.17YrCanc	1.59E-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
372	ALL	464600	3673550	1.58E-07	2.17YrCanc	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	0.00E+00	0.00E+00
373	ALL	464650	3673550	1.55E-07	2.17YrCanc	1.55E-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
374	ALL	464700	3673550	1.49E-07	2.17YrCanc	1.49E-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
375	ALL	464750	3673550	1.42E-07	2.17YrCanc	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	0.00E+00	0.00E+00
376	ALL	464800	3673550	1.35E-07	2.17YrCanc	1.35E-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
377	ALL	464850	3673550	1.27E-07	2.17YrCanc	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	464900	3673550	1.21E-07	2.17YrCanc	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	464950	3673550	1.16E-07	2.17YrCanc	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	0.00E+00	0.00E+00
380	ALL	465000	3673550	1.10E-07	2.17YrCanc	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	465050	3673550	1.05E-07	2.17YrCanc	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	465100	3673550	9.98E-08	2.17YrCanc	9.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	463650	3673600	3.02E-07	2.17YrCanc	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	463700	3673600	3.40E-07	2.17YrCanc	3.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	463750	3673600	3.77E-07	2.17YrCanc	3.77E-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	0.00E+00	0.00E+00	0.00E+00
386	ALL	463800	3673600	4.16E-07	2.17YrCanc	4.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	463850	3673600	4.37E-07	2.17YrCanc	4.37E-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
388	ALL	463900	3673600	4.38E-07	2.17YrCanc	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	463950	3673600	4.20E-07	2.17YrCanc	4.20E-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
390	ALL	464000	3673600	3.86E-07	2.17YrCanc	3.86E-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
391	ALL	464050	3673600	3.39E-07	2.17YrCanc	3.39E-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	0.00E+00	0.00E+00
392	ALL	464100	3673600	2.94E-07	2.17YrCanc	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	0.00E+00	0.00E+00
393	ALL	464150	3673600	2.62E-07	2.17YrCanc	2.62E-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	0.00E+00	0.00E+00
394	ALL	464200	3673600	2.41E-07	2.17YrCanc	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	464250	3673600	2.27E-07	2.17YrCanc	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	464300	3673600	2.23E-07	2.17YrCanc	2.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	464350	3673600	2.27E-07	2.17YrCanc	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	464400	3673600	2.28E-07	2.17YrCanc	2.28E-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
399	ALL	464450	3673600	2.27E-07	2.17YrCanc	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	464500	3673600	2.26E-07	2.17YrCanc	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	0.00E+00
401	ALL	464550	3673600	2.22E-07	2.17YrCanc	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	0.00E+00	0.00E+00
402	ALL	464600	3673600	2.15E-07	2.17YrCanc	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	464650	3673600	2.03E-07	2.17YrCanc	2.03E-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
404	ALL	464700	3673600	1.90E-07	2.17YrCanc	1.90E-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
405	ALL	464750	3673600	1.77E-07	2.17YrCanc	1.77E-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	0.00E+00	0.00E+00	0.00E+00
406	ALL	464800	3673600	1.64E-07	2.17YrCanc	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	0.00E+00
407	ALL	464850	3673600	1.51E-07	2.17YrCanc	1.51E-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
408	ALL	464900	3673600	1.43E-07	2.17YrCanc	1.43E-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
409	ALL	464950	3673600	1.34E-07	2.17YrCanc	1.34E-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
410	ALL	465000	3673600	1.26E-07	2.17YrCanc	1.26E-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	0.00E+00
411	ALL	463600	3673650	2.77E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
412	ALL	463650	3673650	3.32E-07	2.17YrCanc	3.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	463700	3673650	3.96E-07	2.17YrCanc	3.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	463750	3673650	4.62E-07	2.17YrCanc	4.62E-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	0.00E+00	0.00E+00
415	ALL	463800	3673650	5.35E-07	2.17YrCanc	5.35E-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
416	ALL	463850	3673650	6.01E-07	2.17YrCanc	6.01E-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
417	ALL	463900	3673650	6.40E-07	2.17YrCanc	6.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	463950	3673650	6.53E-07	2.17YrCanc	6.53E-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	0.00E+00	0.00E+00	0.00E+00
419	ALL	464000	3673650	6.07E-07	2.17YrCanc	6.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	464050	3673650	5.30E-07	2.17YrCanc	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
421	ALL	464100	3673650	4.56E-07	2.17YrCanc	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	464150	3673650	4.02E-07	2.17YrCanc	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	464200	3673650	3.63E-07	2.17YrCanc	3.63E-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
424	ALL	464250	3673650	3.53E-07	2.17YrCanc	3.53E-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	0.00E+00	0.00E+00	0.00E+00
425	ALL	464300	3673650	3.52E-07	2.17YrCanc	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	464350	3673650	3.53E-07	2.17YrCanc	3.53E-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	0.00E+00	0.00E+00	0.00E+00
427	ALL	464400	3673650	3.49E-07	2.17YrCanc	3.49E-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
428	ALL	464450	3673650	3.42E-07	2.17YrCanc	3.42E-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	0.00E+00	0.00E+00
429	ALL	464500	3673650	3.28E-07	2.17YrCanc	3.28E-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
430	ALL	464550	3673650	3.10E-07	2.17YrCanc	3.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	464600	3673650	2.87E-07	2.17YrCanc	2.87E-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	0.00E+00
432	ALL	464650	3673650	2.63E-07	2.17YrCanc	2.63E-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
433	ALL	464700	3673650	2.38E-07	2.17YrCanc	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	464750	3673650	2.16E-07	2.17YrCanc	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	464800	3673650	1.95E-07	2.17YrCanc	1.95E-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
436	ALL	464850	3673650	1.79E-07	2.17YrCanc	1.79E-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
437	ALL	464900	3673650	1.67E-07	2.17YrCanc	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	0.00E+00	0.00E+00
438	ALL	464950	3673650	1.56E-07	2.17YrCanc	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	465200	3673650	1.11E-07	2.17YrCanc	1.11E-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	0.00E+00	0.00E+00
440	ALL	463600	3673700	2.70E-07	2.17YrCanc	2.70E-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
441	ALL	463650	3673700	3.38E-07	2.17YrCanc	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	463700	3673700	4.27E-07	2.17YrCanc	4.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	463750	3673700	5.32E-07	2.17YrCanc	5.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	463800	3673700	6.75E-07	2.17YrCanc	6.75E-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
445	ALL	463950	3673700	1.09E-06	2.17YrCanc	1.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	464000	3673700	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	464050	3673700	9.40E-07	2.17YrCanc	9.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	464100	3673700	7.97E-07	2.17YrCanc	7.97E-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

449	ALL	464150	3673700	6.90E-07	2.17YrCanc	6.90E-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
450	ALL	464200	3673700	6.41E-07	2.17YrCanc	6.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	464250	3673700	6.27E-07	2.17YrCanc	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	464300	3673700	6.22E-07	2.17YrCanc	6.22E-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	0.00E+00	0.00E+00
453	ALL	464350	3673700	6.00E-07	2.17YrCanc	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	0.00E+00	0.00E+00
454	ALL	464400	3673700	5.66E-07	2.17YrCanc	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
455	ALL	464450	3673700	5.20E-07	2.17YrCanc	5.20E-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
456	ALL	464500	3673700	4.75E-07	2.17YrCanc	4.75E-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
457	ALL	464550	3673700	4.25E-07	2.17YrCanc	4.25E-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
458	ALL	464600	3673700	3.77E-07	2.17YrCanc	3.77E-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	0.00E+00	0.00E+00	0.00E+00
459	ALL	464650	3673700	3.31E-07	2.17YrCanc	3.31E-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
460	ALL	464700	3673700	2.92E-07	2.17YrCanc	2.92E-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
461	ALL	464750	3673700	2.58E-07	2.17YrCanc	2.58E-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	0.00E+00	0.00E+00
462	ALL	464800	3673700	2.31E-07	2.17YrCanc	2.31E-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
463	ALL	464850	3673700	2.11E-07	2.17YrCanc	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	0.00E+00	0.00E+00
464	ALL	465200	3673700	1.22E-07	2.17YrCanc	1.22E-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	0.00E+00	0.00E+00
465	ALL	463650	3673750	3.13E-07	2.17YrCanc	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	463700	3673750	4.12E-07	2.17YrCanc	4.12E-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	0.00E+00
467	ALL	463750	3673750	5.56E-07	2.17YrCanc	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	463800	3673750	7.50E-07	2.17YrCanc	7.50E-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	0.00E+00	0.00E+00
469	ALL	463900	3673750	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	463950	3673750	1.90E-06	2.17YrCanc	1.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	464000	3673750	2.19E-06	2.17YrCanc	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	464050	3673750	2.05E-06	2.17YrCanc	2.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	464100	3673750	1.73E-06	2.17YrCanc	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	464150	3673750	1.55E-06	2.17YrCanc	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	464200	3673750	1.41E-06	2.17YrCanc	1.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	464250	3673750	1.32E-06	2.17YrCanc	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	464300	3673750	1.21E-06	2.17YrCanc	1.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	464350	3673750	1.06E-06	2.17YrCanc	1.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	464400	3673750	9.13E-07	2.17YrCanc	9.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	464450	3673750	7.75E-07	2.17YrCanc	7.75E-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
481	ALL	464500	3673750	6.61E-07	2.17YrCanc	6.61E-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
482	ALL	464550	3673750	5.62E-07	2.17YrCanc	5.62E-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	0.00E+00	0.00E+00
483	ALL	464600	3673750	4.77E-07	2.17YrCanc	4.77E-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	0.00E+00	0.00E+00	0.00E+00
484	ALL	464650	3673750	4.06E-07	2.17YrCanc	4.06E-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
485	ALL	464700	3673750	3.49E-07	2.17YrCanc	3.49E-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
486	ALL	464750	3673750	3.06E-07	2.17YrCanc	3.06E-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
487	ALL	465150	3673750	1.43E-07	2.17YrCanc	1.43E-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
488	ALL	465200	3673750	1.32E-07	2.17YrCanc	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	463750	3673800	5.01E-07	2.17YrCanc	5.01E-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
490	ALL	463800	3673800	7.22E-07	2.17YrCanc	7.22E-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	0.00E+00	0.00E+00
491	ALL	463900	3673800	1.65E-06	2.17YrCanc	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	463950	3673800	3.01E-06	2.17YrCanc	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	464000	3673800	5.42E-06	2.17YrCanc	5.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	464050	3673800	6.87E-06	2.17YrCanc	6.87E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	464100	3673800	6.69E-06	2.17YrCanc	6.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	464150	3673800	5.14E-06	2.17YrCanc	5.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	464200	3673800	3.96E-06	2.17YrCanc	3.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	464300	3673800	2.37E-06	2.17YrCanc	2.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	464350	3673800	1.85E-06	2.17YrCanc	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	464400	3673800	1.40E-06	2.17YrCanc	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	464450	3673800	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	464500	3673800	8.75E-07	2.17YrCanc	8.75E-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
503	ALL	464550	3673800	7.11E-07	2.17YrCanc	7.11E-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	0.00E+00	0.00E+00
504	ALL	465100	3673800	1.68E-07	2.17YrCanc	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	465150	3673800	1.54E-07	2.17YrCanc	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	465200	3673800	1.42E-07	2.17YrCanc	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	0.00E+00	0.00E+00
507	ALL	463900	3673850	1.51E-06	2.17YrCanc	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	463950	3673850	3.03E-06	2.17YrCanc	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	464000	3673850	8.45E-06	2.17YrCanc	8.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	464200	3673850	1.34E-05	2.17YrCanc	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	464750	3673850	4.02E-07	2.17YrCanc	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	464800	3673850	3.49E-07	2.17YrCanc	3.49E-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
513	ALL	465100	3673850	1.79E-07	2.17YrCanc	1.79E-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
514	ALL	465150	3673850	1.63E-07	2.17YrCanc	1.63E-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
515	ALL	465200	3673850	1.50E-07	2.17YrCanc	1.50E-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	0.00E+00	0.00E+00
516	ALL	463950	3673900	2.21E-06	2.17YrCanc	2.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	464000	3673900	7.56E-06	2.17YrCanc	7.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	464200	3673900	2.41E-05	2.17YrCanc	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	464650	3673900	6.13E-07	2.17YrCanc	6.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	464700	3673900	5.12E-07	2.17YrCanc	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	0.00E+00
521	ALL	464750	3673900	4.35E-07	2.17YrCanc	4.35E-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
522	ALL	465100	3673900	1.87E-07	2.17YrCanc	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	0.00E+00
523	ALL	465150	3673900	1.70E-07	2.17YrCanc	1.70E-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
524	ALL	465200	3673900	1.56E-07	2.17YrCanc	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	463500	3673950	7.94E-08	2.17YrCanc	7.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	464000	3673950	3.24E-06	2.17YrCanc	3.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	464200	3673950	1.85E-05	2.17YrCanc	1.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	464550	3673950	9.60E-07	2.17YrCanc	9.60E-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
529	ALL	464600	3673950	7.70E-07	2.17YrCanc	7.70E-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
530	ALL	464650	3673950	6.35E-07	2.17YrCanc	6.35E-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
531	ALL	464700	3673950	5.30E-07	2.17YrCanc	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
532	ALL	465100	3673950	1.92E-07	2.17YrCanc	1.92E-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
533	ALL	465150	3673950	1.74E-07	2.17YrCanc	1.74E-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	0.00E+00	0.00E+00
534	ALL	465200	3673950	1.60E-07	2.17YrCanc	1.60E-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
535	ALL	463450	3674000	5.97E-08	2.17YrCanc	5.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	463500	3674000	6.85E-08	2.17YrCanc	6.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	463550	3674000	8.03E-08	2.17YrCanc	8.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	463600	3674000	9.60E-08	2.17YrCanc	9.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

539	ALL	464050	3674000	3.95E-06	2.17YrCanc	3.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	464100	3674000	6.43E-06	2.17YrCanc	6.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	464150	3674000	7.71E-06	2.17YrCanc	7.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	464200	3674000	6.95E-06	2.17YrCanc	6.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	464550	3674000	9.04E-07	2.17YrCanc	9.04E-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	0.00E+00	0.00E+00	0.00E+00
544	ALL	464600	3674000	7.40E-07	2.17YrCanc	7.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	464650	3674000	6.15E-07	2.17YrCanc	6.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	465100	3674000	1.92E-07	2.17YrCanc	1.92E-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	0.00E+00
547	ALL	465150	3674000	1.75E-07	2.17YrCanc	1.75E-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	0.00E+00
548	ALL	465200	3674000	1.60E-07	2.17YrCanc	1.60E-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	0.00E+00
549	ALL	463400	3674050	4.70E-08	2.17YrCanc	4.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	463450	3674050	5.31E-08	2.17YrCanc	5.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	463500	3674050	6.10E-08	2.17YrCanc	6.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	463550	3674050	7.10E-08	2.17YrCanc	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
553	ALL	463600	3674050	8.40E-08	2.17YrCanc	8.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	463650	3674050	1.02E-07	2.17YrCanc	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL	464150	3674050	3.01E-06	2.17YrCanc	3.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	464500	3674050	9.61E-07	2.17YrCanc	9.61E-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	0.00E+00
557	ALL	464550	3674050	7.91E-07	2.17YrCanc	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	464600	3674050	6.67E-07	2.17YrCanc	6.67E-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	0.00E+00
559	ALL	465100	3674050	1.89E-07	2.17YrCanc	1.89E-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	0.00E+00
560	ALL	465150	3674050	1.72E-07	2.17YrCanc	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	465200	3674050	1.58E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
562	ALL	463400	3674100	4.29E-08	2.17YrCanc	4.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	463550	3674100	6.41E-08	2.17YrCanc	6.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	463600	3674100	7.54E-08	2.17YrCanc	7.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	463650	3674100	9.03E-08	2.17YrCanc	9.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	463700	3674100	1.10E-07	2.17YrCanc	1.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	464500	3674100	7.29E-07	2.17YrCanc	7.29E-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	0.00E+00	0.00E+00	0.00E+00
568	ALL	464550	3674100	6.47E-07	2.17YrCanc	6.47E-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	0.00E+00
569	ALL	465100	3674100	1.84E-07	2.17YrCanc	1.84E-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	0.00E+00
570	ALL	465150	3674100	1.68E-07	2.17YrCanc	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	465200	3674100	1.54E-07	2.17YrCanc	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	463350	3674150	3.56E-08	2.17YrCanc	3.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	463500	3674150	5.09E-08	2.17YrCanc	5.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	463550	3674150	5.87E-08	2.17YrCanc	5.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	463600	3674150	6.87E-08	2.17YrCanc	6.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	463700	3674150	9.83E-08	2.17YrCanc	9.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	464500	3674150	5.49E-07	2.17YrCanc	5.49E-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	0.00E+00
578	ALL	464550	3674150	5.04E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
579	ALL	465100	3674150	1.79E-07	2.17YrCanc	1.79E-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	0.00E+00
580	ALL	465150	3674150	1.62E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
581	ALL	465200	3674150	1.50E-07	2.17YrCanc	1.50E-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	0.00E+00	0.00E+00	0.00E+00
582	ALL	463300	3674200	3.02E-08	2.17YrCanc	3.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	463450	3674200	4.16E-08	2.17YrCanc	4.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	463500	3674200	4.72E-08	2.17YrCanc	4.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	463550	3674200	5.42E-08	2.17YrCanc	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	463600	3674200	6.30E-08	2.17YrCanc	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	463650	3674200	7.40E-08	2.17YrCanc	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	463700	3674200	8.80E-08	2.17YrCanc	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	464450	3674200	4.57E-07	2.17YrCanc	4.57E-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	0.00E+00	0.00E+00
590	ALL	464500	3674200	4.15E-07	2.17YrCanc	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	465200	3674200	1.45E-07	2.17YrCanc	1.45E-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	0.00E+00
592	ALL	463300	3674250	2.84E-08	2.17YrCanc	2.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	463400	3674250	3.48E-08	2.17YrCanc	3.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	463450	3674250	3.92E-08	2.17YrCanc	3.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	463500	3674250	4.43E-08	2.17YrCanc	4.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	463550	3674250	5.05E-08	2.17YrCanc	5.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	465100	3674250	1.57E-07	2.17YrCanc	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	0.00E+00	0.00E+00
598	ALL	465150	3674250	1.47E-07	2.17YrCanc	1.47E-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	0.00E+00
599	ALL	465200	3674250	1.37E-07	2.17YrCanc	1.37E-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	0.00E+00
600	ALL	463350	3674300	2.97E-08	2.17YrCanc	2.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
601	ALL	463400	3674300	3.31E-08	2.17YrCanc	3.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	463450	3674300	3.74E-08	2.17YrCanc	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	463500	3674300	4.20E-08	2.17YrCanc	4.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	463550	3674300	4.76E-08	2.17YrCanc	4.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	463700	3674300	7.23E-08	2.17YrCanc	7.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	463800	3674300	9.92E-08	2.17YrCanc	9.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	463850	3674300	1.19E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
608	ALL	463900	3674300	1.44E-07	2.17YrCanc	1.44E-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	0.00E+00
609	ALL	463950	3674300	1.77E-07	2.17YrCanc	1.77E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	464000	3674300	2.16E-07	2.17YrCanc	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	465150	3674300	1.36E-07	2.17YrCanc	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	465200	3674300	1.28E-07	2.17YrCanc	1.28E-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	0.00E+00
613	ALL	463300	3674350	2.58E-08	2.17YrCanc	2.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	463350	3674350	2.85E-08	2.17YrCanc	2.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	463400	3674350	3.19E-08	2.17YrCanc	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	463450	3674350	3.55E-08	2.17YrCanc	3.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	463500	3674350	3.97E-08	2.17YrCanc	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	463550	3674350	4.47E-08	2.17YrCanc	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	463600	3674350	5.06E-08	2.17YrCanc	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	463650	3674350	5.75E-08	2.17YrCanc	5.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	463700	3674350	6.56E-08	2.17YrCanc	6.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
622	ALL	463750	3674350	7.53E-08	2.17YrCanc	7.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	463800	3674350	8.74E-08	2.17YrCanc	8.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	463850	3674350	1.03E-07	2.17YrCanc	1.03E-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	0.00E+00
625	ALL	463900	3674350	1.23E-07	2.17YrCanc	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	465050	3674350	1.35E-07	2.17YrCanc	1.35E-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	0.00E+00
627	ALL	465100	3674350	1.29E-07	2.17YrCanc	1.29E-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	0.00E+00	0.00E+00	0.00E+00
628	ALL	465150	3674350	1.24E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00

629	ALL	465200	3674350	1.19E-07	2.17YrCanc	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	0.00E+00	0.00E+00
630	ALL	463300	3674400	2.48E-08	2.17YrCanc	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	463350	3674400	2.76E-08	2.17YrCanc	2.76E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	463400	3674400	3.04E-08	2.17YrCanc	3.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	463450	3674400	3.36E-08	2.17YrCanc	3.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	463500	3674400	3.74E-08	2.17YrCanc	3.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	463550	3674400	4.18E-08	2.17YrCanc	4.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	463600	3674400	4.68E-08	2.17YrCanc	4.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	463700	3674400	5.91E-08	2.17YrCanc	5.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	463750	3674400	6.71E-08	2.17YrCanc	6.71E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	463800	3674400	7.70E-08	2.17YrCanc	7.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	463850	3674400	8.97E-08	2.17YrCanc	8.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	463900	3674400	1.05E-07	2.17YrCanc	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	463950	3674400	1.22E-07	2.17YrCanc	1.22E-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	0.00E+00	0.00E+00
643	ALL	464150	3674400	1.95E-07	2.17YrCanc	1.95E-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
644	ALL	465050	3674400	1.19E-07	2.17YrCanc	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	0.00E+00	0.00E+00
645	ALL	465100	3674400	1.15E-07	2.17YrCanc	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	465150	3674400	1.12E-07	2.17YrCanc	1.12E-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	0.00E+00
647	ALL	465200	3674400	1.08E-07	2.17YrCanc	1.08E-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
648	ALL	463250	3674450	2.20E-08	2.17YrCanc	2.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	463300	3674450	2.42E-08	2.17YrCanc	2.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
650	ALL	463350	3674450	2.65E-08	2.17YrCanc	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	463400	3674450	2.90E-08	2.17YrCanc	2.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	463450	3674450	3.19E-08	2.17YrCanc	3.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	463500	3674450	3.52E-08	2.17YrCanc	3.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	463550	3674450	3.90E-08	2.17YrCanc	3.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	463600	3674450	4.33E-08	2.17YrCanc	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
656	ALL	463750	3674450	5.99E-08	2.17YrCanc	5.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	463800	3674450	6.84E-08	2.17YrCanc	6.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	463850	3674450	7.88E-08	2.17YrCanc	7.88E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	463900	3674450	9.02E-08	2.17YrCanc	9.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	463950	3674450	1.04E-07	2.17YrCanc	1.04E-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	0.00E+00	0.00E+00
661	ALL	464100	3674450	1.43E-07	2.17YrCanc	1.43E-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
662	ALL	464150	3674450	1.53E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
663	ALL	464200	3674450	1.57E-07	2.17YrCanc	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	0.00E+00
664	ALL	465050	3674450	1.04E-07	2.17YrCanc	1.04E-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	0.00E+00	0.00E+00
665	ALL	465100	3674450	1.02E-07	2.17YrCanc	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	465150	3674450	9.96E-08	2.17YrCanc	9.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	465200	3674450	9.72E-08	2.17YrCanc	9.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	463200	3674500	1.96E-08	2.17YrCanc	1.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	463250	3674500	2.12E-08	2.17YrCanc	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	463300	3674500	2.33E-08	2.17YrCanc	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	463350	3674500	2.54E-08	2.17YrCanc	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
672	ALL	463400	3674500	2.77E-08	2.17YrCanc	2.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	463450	3674500	3.03E-08	2.17YrCanc	3.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	463500	3674500	3.32E-08	2.17YrCanc	3.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	463550	3674500	3.64E-08	2.17YrCanc	3.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	463800	3674500	6.11E-08	2.17YrCanc	6.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	463850	3674500	6.98E-08	2.17YrCanc	6.98E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	463900	3674500	7.86E-08	2.17YrCanc	7.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	464100	3674500	1.21E-07	2.17YrCanc	1.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	464150	3674500	1.28E-07	2.17YrCanc	1.28E-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
681	ALL	464200	3674500	1.29E-07	2.17YrCanc	1.29E-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	0.00E+00	0.00E+00
682	ALL	464250	3674500	1.29E-07	2.17YrCanc	1.29E-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	0.00E+00	0.00E+00
683	ALL	463000	3674550	1.47E-08	2.17YrCanc	1.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	463050	3674550	1.56E-08	2.17YrCanc	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	463100	3674550	1.65E-08	2.17YrCanc	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
686	ALL	463200	3674550	1.90E-08	2.17YrCanc	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	463250	3674550	2.06E-08	2.17YrCanc	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	463300	3674550	2.25E-08	2.17YrCanc	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	463350	3674550	2.43E-08	2.17YrCanc	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	463400	3674550	2.64E-08	2.17YrCanc	2.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	463450	3674550	2.87E-08	2.17YrCanc	2.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	463500	3674550	3.13E-08	2.17YrCanc	3.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	463550	3674550	3.39E-08	2.17YrCanc	3.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	463600	3674550	3.68E-08	2.17YrCanc	3.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	463900	3674550	6.93E-08	2.17YrCanc	6.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	464050	3674550	9.39E-08	2.17YrCanc	9.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	464100	3674550	1.02E-07	2.17YrCanc	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	464150	3674550	1.08E-07	2.17YrCanc	1.08E-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
699	ALL	464200	3674550	1.08E-07	2.17YrCanc	1.08E-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
700	ALL	464250	3674550	1.08E-07	2.17YrCanc	1.08E-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
701	ALL	464300	3674550	1.08E-07	2.17YrCanc	1.08E-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
702	ALL	464950	3674550	8.86E-08	2.17YrCanc	8.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	465000	3674550	8.58E-08	2.17YrCanc	8.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
704	ALL	465050	3674550	8.19E-08	2.17YrCanc	8.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
705	ALL	465100	3674550	8.08E-08	2.17YrCanc	8.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
706	ALL	463000	3674600	1.42E-08	2.17YrCanc	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	463050	3674600	1.51E-08	2.17YrCanc	1.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
708	ALL	463200	3674600	1.84E-08	2.17YrCanc	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
709	ALL	463250	3674600	1.99E-08	2.17YrCanc	1.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
710	ALL	463300	3674600	2.16E-08	2.17YrCanc	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
711	ALL	463350	3674600	2.33E-08	2.17YrCanc	2.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
712	ALL	463400	3674600	2.52E-08	2.17YrCanc	2.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
713	ALL	463450	3674600	2.72E-08	2.17YrCanc	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
714	ALL	463500	3674600	2.93E-08	2.17YrCanc	2.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
715	ALL	463550	3674600	3.16E-08	2.17YrCanc	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	463600	3674600	3.40E-08	2.17YrCanc	3.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
717	ALL	464050	3674600	8.10E-08	2.17YrCanc	8.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
718	ALL	464100	3674600	8.80E-08	2.17YrCanc	8.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

719	ALL	464150	3674600	9.21E-08	2.17YrCanc	9.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	464200	3674600	9.25E-08	2.17YrCanc	9.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	464250	3674600	9.16E-08	2.17YrCanc	9.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
722	ALL	464300	3674600	9.17E-08	2.17YrCanc	9.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
723	ALL	464350	3674600	9.31E-08	2.17YrCanc	9.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
724	ALL	464900	3674600	7.87E-08	2.17YrCanc	7.87E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
725	ALL	464950	3674600	7.74E-08	2.17YrCanc	7.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
726	ALL	465000	3674600	7.40E-08	2.17YrCanc	7.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	465050	3674600	7.06E-08	2.17YrCanc	7.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
728	ALL	465100	3674600	6.99E-08	2.17YrCanc	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
729	ALL	463000	3674650	1.39E-08	2.17YrCanc	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
730	ALL	463050	3674650	1.48E-08	2.17YrCanc	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
731	ALL	463100	3674650	1.57E-08	2.17YrCanc	1.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	463200	3674650	1.79E-08	2.17YrCanc	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
733	ALL	463250	3674650	1.92E-08	2.17YrCanc	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
734	ALL	463300	3674650	2.06E-08	2.17YrCanc	2.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
735	ALL	463350	3674650	2.23E-08	2.17YrCanc	2.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	463400	3674650	2.40E-08	2.17YrCanc	2.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	463450	3674650	2.57E-08	2.17YrCanc	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
738	ALL	463500	3674650	2.75E-08	2.17YrCanc	2.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
739	ALL	463550	3674650	2.94E-08	2.17YrCanc	2.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
740	ALL	463600	3674650	3.15E-08	2.17YrCanc	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	464000	3674650	6.46E-08	2.17YrCanc	6.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
742	ALL	464050	3674650	7.10E-08	2.17YrCanc	7.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
743	ALL	464100	3674650	7.65E-08	2.17YrCanc	7.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	464150	3674650	8.00E-08	2.17YrCanc	8.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
745	ALL	464200	3674650	8.04E-08	2.17YrCanc	8.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
746	ALL	464250	3674650	7.96E-08	2.17YrCanc	7.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
747	ALL	464300	3674650	7.91E-08	2.17YrCanc	7.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
748	ALL	464350	3674650	8.01E-08	2.17YrCanc	8.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
749	ALL	464900	3674650	7.01E-08	2.17YrCanc	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
750	ALL	464950	3674650	6.80E-08	2.17YrCanc	6.80E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
751	ALL	465000	3674650	6.58E-08	2.17YrCanc	6.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
752	ALL	465050	3674650	6.31E-08	2.17YrCanc	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
753	ALL	465100	3674650	6.23E-08	2.17YrCanc	6.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
754	ALL	465200	3674650	6.09E-08	2.17YrCanc	6.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
755	ALL	463000	3674700	1.36E-08	2.17YrCanc	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	463050	3674700	1.44E-08	2.17YrCanc	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	463100	3674700	1.53E-08	2.17YrCanc	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	463200	3674700	1.73E-08	2.17YrCanc	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	463250	3674700	1.86E-08	2.17YrCanc	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
760	ALL	463300	3674700	2.00E-08	2.17YrCanc	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
761	ALL	463350	3674700	2.14E-08	2.17YrCanc	2.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	463400	3674700	2.28E-08	2.17YrCanc	2.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	463450	3674700	2.43E-08	2.17YrCanc	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
764	ALL	463500	3674700	2.57E-08	2.17YrCanc	2.57E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
765	ALL	463550	3674700	2.73E-08	2.17YrCanc	2.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
766	ALL	463600	3674700	2.92E-08	2.17YrCanc	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
767	ALL	464050	3674700	6.26E-08	2.17YrCanc	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
768	ALL	464100	3674700	6.74E-08	2.17YrCanc	6.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	464150	3674700	6.99E-08	2.17YrCanc	6.99E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
770	ALL	464200	3674700	7.05E-08	2.17YrCanc	7.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
771	ALL	464250	3674700	7.01E-08	2.17YrCanc	7.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
772	ALL	464300	3674700	7.04E-08	2.17YrCanc	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
773	ALL	464350	3674700	7.04E-08	2.17YrCanc	7.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
774	ALL	464950	3674700	6.14E-08	2.17YrCanc	6.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
775	ALL	465000	3674700	5.95E-08	2.17YrCanc	5.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
776	ALL	465050	3674700	5.72E-08	2.17YrCanc	5.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	465100	3674700	5.59E-08	2.17YrCanc	5.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	465150	3674700	5.51E-08	2.17YrCanc	5.51E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
779	ALL	465200	3674700	5.46E-08	2.17YrCanc	5.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
780	ALL	463000	3674750	1.33E-08	2.17YrCanc	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
781	ALL	463050	3674750	1.41E-08	2.17YrCanc	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	463100	3674750	1.49E-08	2.17YrCanc	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
783	ALL	463200	3674750	1.68E-08	2.17YrCanc	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
784	ALL	463250	3674750	1.82E-08	2.17YrCanc	1.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
785	ALL	463300	3674750	1.93E-08	2.17YrCanc	1.93E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
786	ALL	463350	3674750	2.05E-08	2.17YrCanc	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
787	ALL	463400	3674750	2.16E-08	2.17YrCanc	2.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
788	ALL	463450	3674750	2.29E-08	2.17YrCanc	2.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	463500	3674750	2.41E-08	2.17YrCanc	2.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
790	ALL	463550	3674750	2.55E-08	2.17YrCanc	2.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
791	ALL	463600	3674750	2.72E-08	2.17YrCanc	2.72E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
792	ALL	464100	3674750	5.96E-08	2.17YrCanc	5.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
793	ALL	464150	3674750	6.19E-08	2.17YrCanc	6.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
794	ALL	464200	3674750	6.25E-08	2.17YrCanc	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
795	ALL	464250	3674750	6.26E-08	2.17YrCanc	6.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
796	ALL	464300	3674750	6.30E-08	2.17YrCanc	6.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
797	ALL	464350	3674750	6.31E-08	2.17YrCanc	6.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
798	ALL	465000	3674750	5.42E-08	2.17YrCanc	5.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
799	ALL	465050	3674750	5.26E-08	2.17YrCanc	5.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
800	ALL	465100	3674750	5.11E-08	2.17YrCanc	5.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
801	ALL	465150	3674750	5.01E-08	2.17YrCanc	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
802	ALL	465200	3674750	4.94E-08	2.17YrCanc	4.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
803	ALL	463000	3674800	1.31E-08	2.17YrCanc	1.31E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	463050	3674800	1.38E-08	2.17YrCanc	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
805	ALL	463100	3674800	1.46E-08	2.17YrCanc	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
806	ALL	463150	3674800	1.54E-08	2.17YrCanc	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
807	ALL	463200	3674800	1.63E-08	2.17YrCanc	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
808	ALL	463250	3674800	1.73E-08	2.17YrCanc	1.73E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

809	ALL	463300	3674800	1.86E-08	2.17YrCanc	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
810	ALL	463350	3674800	1.95E-08	2.17YrCanc	1.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
811	ALL	463400	3674800	2.05E-08	2.17YrCanc	2.05E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
812	ALL	463450	3674800	2.15E-08	2.17YrCanc	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
813	ALL	463500	3674800	2.26E-08	2.17YrCanc	2.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
814	ALL	463550	3674800	2.39E-08	2.17YrCanc	2.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
815	ALL	464150	3674800	5.49E-08	2.17YrCanc	5.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
816	ALL	464200	3674800	5.62E-08	2.17YrCanc	5.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
817	ALL	464250	3674800	5.63E-08	2.17YrCanc	5.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
818	ALL	464400	3674800	6.13E-08	2.17YrCanc	6.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
819	ALL	464450	3674800	6.25E-08	2.17YrCanc	6.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
820	ALL	464500	3674800	6.42E-08	2.17YrCanc	6.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	465100	3674800	4.75E-08	2.17YrCanc	4.75E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
822	ALL	465150	3674800	4.60E-08	2.17YrCanc	4.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
823	ALL	465200	3674800	4.53E-08	2.17YrCanc	4.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	463000	3674850	1.28E-08	2.17YrCanc	1.28E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
825	ALL	463050	3674850	1.35E-08	2.17YrCanc	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
826	ALL	463100	3674850	1.42E-08	2.17YrCanc	1.42E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
827	ALL	463150	3674850	1.50E-08	2.17YrCanc	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
828	ALL	463200	3674850	1.58E-08	2.17YrCanc	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
829	ALL	463250	3674850	1.67E-08	2.17YrCanc	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
830	ALL	463300	3674850	1.78E-08	2.17YrCanc	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	463350	3674850	1.86E-08	2.17YrCanc	1.86E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
832	ALL	463400	3674850	1.94E-08	2.17YrCanc	1.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
833	ALL	463450	3674850	2.03E-08	2.17YrCanc	2.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	463500	3674850	2.13E-08	2.17YrCanc	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
835	ALL	463550	3674850	2.25E-08	2.17YrCanc	2.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
836	ALL	464200	3674850	5.06E-08	2.17YrCanc	5.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
837	ALL	464250	3674850	5.23E-08	2.17YrCanc	5.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
838	ALL	464300	3674850	5.52E-08	2.17YrCanc	5.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
839	ALL	464350	3674850	5.47E-08	2.17YrCanc	5.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
840	ALL	464400	3674850	5.48E-08	2.17YrCanc	5.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
841	ALL	464450	3674850	5.56E-08	2.17YrCanc	5.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	464500	3674850	5.70E-08	2.17YrCanc	5.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	465150	3674850	4.33E-08	2.17YrCanc	4.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
844	ALL	465200	3674850	4.19E-08	2.17YrCanc	4.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
845	ALL	463000	3674900	1.26E-08	2.17YrCanc	1.26E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
846	ALL	463050	3674900	1.32E-08	2.17YrCanc	1.32E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	463100	3674900	1.38E-08	2.17YrCanc	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
848	ALL	463150	3674900	1.45E-08	2.17YrCanc	1.45E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
849	ALL	463200	3674900	1.53E-08	2.17YrCanc	1.53E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	463250	3674900	1.60E-08	2.17YrCanc	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
851	ALL	463300	3674900	1.70E-08	2.17YrCanc	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
852	ALL	463350	3674900	1.77E-08	2.17YrCanc	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
853	ALL	463400	3674900	1.84E-08	2.17YrCanc	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
854	ALL	463450	3674900	1.92E-08	2.17YrCanc	1.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
855	ALL	463500	3674900	2.00E-08	2.17YrCanc	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
856	ALL	463550	3674900	2.12E-08	2.17YrCanc	2.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	464300	3674900	5.02E-08	2.17YrCanc	5.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
858	ALL	464350	3674900	4.96E-08	2.17YrCanc	4.96E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
859	ALL	464400	3674900	4.95E-08	2.17YrCanc	4.95E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
860	ALL	464450	3674900	4.91E-08	2.17YrCanc	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
861	ALL	464500	3674900	4.91E-08	2.17YrCanc	4.91E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
862	ALL	464550	3674900	5.01E-08	2.17YrCanc	5.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
863	ALL	464600	3674900	5.20E-08	2.17YrCanc	5.20E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
864	ALL	464650	3674900	5.40E-08	2.17YrCanc	5.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	463000	3674950	1.23E-08	2.17YrCanc	1.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
866	ALL	463050	3674950	1.29E-08	2.17YrCanc	1.29E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
867	ALL	463100	3674950	1.35E-08	2.17YrCanc	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
868	ALL	463150	3674950	1.41E-08	2.17YrCanc	1.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
869	ALL	463200	3674950	1.48E-08	2.17YrCanc	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
870	ALL	463250	3674950	1.54E-08	2.17YrCanc	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
871	ALL	463300	3674950	1.62E-08	2.17YrCanc	1.62E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	463350	3674950	1.68E-08	2.17YrCanc	1.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
873	ALL	463400	3674950	1.74E-08	2.17YrCanc	1.74E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	463450	3674950	1.81E-08	2.17YrCanc	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
875	ALL	463500	3674950	1.90E-08	2.17YrCanc	1.90E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
876	ALL	463550	3674950	2.01E-08	2.17YrCanc	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
877	ALL	464100	3674950	3.94E-08	2.17YrCanc	3.94E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
878	ALL	464150	3674950	4.11E-08	2.17YrCanc	4.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
879	ALL	464400	3674950	4.50E-08	2.17YrCanc	4.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
880	ALL	464450	3674950	4.23E-08	2.17YrCanc	4.23E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	464500	3674950	4.34E-08	2.17YrCanc	4.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
882	ALL	464550	3674950	4.47E-08	2.17YrCanc	4.47E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
883	ALL	464600	3674950	4.61E-08	2.17YrCanc	4.61E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
884	ALL	464650	3674950	4.66E-08	2.17YrCanc	4.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

OceansideConstMit2.17yrCancerHRAInput.hra

*HARP - HRACalc v19044 10/8/2019 2:07:16 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR 2019.04\HRA\HARP2\Variable\AltaOceansideMitConstruction\hra\AltaOceansideConstMitChronicH

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		464300	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.44E-06
2	ALL		464350	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06
3	ALL		464400	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-06
4	ALL		464450	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-06
5	ALL		464500	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-06
6	ALL		464550	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-06
7	ALL		464600	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06
8	ALL		464650	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-06
9	ALL		464700	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-06
10	ALL		464750	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-06
11	ALL		464800	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-06
12	ALL		464850	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-06
13	ALL		464900	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-06
14	ALL		464950	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-06
15	ALL		465000	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-06
16	ALL		465050	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-06
17	ALL		465100	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-06
18	ALL		465150	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-06
19	ALL		465200	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-06
20	ALL		464300	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05
21	ALL		464350	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-06
22	ALL		464400	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-06
23	ALL		464450	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.51E-06
24	ALL		464500	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.41E-06
25	ALL		464550	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-06
26	ALL		464600	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06
27	ALL		464650	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.20E-06
28	ALL		464700	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-06
29	ALL		464750	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-06
30	ALL		464800	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-06
31	ALL		464850	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-06
32	ALL		464900	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-06
33	ALL		464950	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-06
34	ALL		465000	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.52E-06
35	ALL		465050	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-06
36	ALL		465100	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.60E-06
37	ALL		465150	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-06
38	ALL		465200	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-06
39	ALL		464250	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
40	ALL		464300	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
41	ALL		464350	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
42	ALL		464400	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
43	ALL		464450	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
44	ALL		464500	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05
45	ALL		464550	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
46	ALL		464600	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-06
47	ALL		464650	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-06
48	ALL		464700	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-06
49	ALL		464750	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-06
50	ALL		464800	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.39E-06
51	ALL		464850	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-06
52	ALL		464900	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-06
53	ALL		464950	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-06
54	ALL		465000	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-06
55	ALL		465050	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-06
56	ALL		465100	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.40E-06
57	ALL		465150	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-06
58	ALL		465200	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.58E-06
59	ALL		464400	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
60	ALL		464450	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
61	ALL		464500	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
62	ALL		464550	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-05
63	ALL		464600	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
64	ALL		464650	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05
65	ALL		464700	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05
66	ALL		464750	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
67	ALL		464800	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
68	ALL		464850	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05
69	ALL		464900	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.98E-06
70	ALL		464950	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
71	ALL		465000	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05
72	ALL		465050	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
73	ALL		465100	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-05
74	ALL		465150	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
75	ALL		465200	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-05
76	ALL		464150	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
77	ALL		464200	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
78	ALL		464350	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05
79	ALL		464400	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
80	ALL		464450	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-05
81	ALL		464500	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
82	ALL		464550	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05
83	ALL		464600	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
84	ALL		464650	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05
85	ALL		464700	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
86	ALL		464750	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
87	ALL		464800	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
88	ALL		464850	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
89	ALL		464900	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
90	ALL		464950	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
91	ALL		465000	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
92	ALL		465050	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-05
93	ALL		465100	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-05
94	ALL		465150	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
95	ALL		465200	3672950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
96	ALL		464150	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-05
97	ALL		464200	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
98	ALL		464250	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
99	ALL		464300	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05

100	ALL	464350	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05
101	ALL	464400	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-05
102	ALL	464450	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
103	ALL	464500	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
104	ALL	464550	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
105	ALL	464600	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05
106	ALL	464650	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05
107	ALL	464700	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
108	ALL	464750	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
109	ALL	464800	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
110	ALL	464850	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
111	ALL	464900	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
112	ALL	464950	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
113	ALL	465000	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-05
114	ALL	465050	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05
115	ALL	465100	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
116	ALL	465150	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
117	ALL	465200	3673000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-05
118	ALL	464100	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
119	ALL	464150	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
120	ALL	464200	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
121	ALL	464250	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
122	ALL	464300	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-05
123	ALL	464350	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-05
124	ALL	464400	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
125	ALL	464450	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
126	ALL	464500	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-05
127	ALL	464550	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
128	ALL	464600	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
129	ALL	464650	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-05
130	ALL	464700	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
131	ALL	464750	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
132	ALL	464800	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
133	ALL	464850	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-05
134	ALL	464900	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
135	ALL	464950	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
136	ALL	465000	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
137	ALL	465050	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
138	ALL	465100	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
139	ALL	465150	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
140	ALL	465200	3673050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-05
141	ALL	464050	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
142	ALL	464100	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-05
143	ALL	464150	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
144	ALL	464200	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-05
145	ALL	464250	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
146	ALL	464300	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-05
147	ALL	464350	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
148	ALL	464400	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-05
149	ALL	464450	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-05
150	ALL	464500	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
151	ALL	464550	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
152	ALL	464600	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
153	ALL	464650	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
154	ALL	464700	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
155	ALL	464750	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05
156	ALL	464800	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-05
157	ALL	464850	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-05
158	ALL	464900	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-05
159	ALL	464950	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
160	ALL	465000	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
161	ALL	465050	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
162	ALL	465100	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
163	ALL	465150	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
164	ALL	465200	3673100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
165	ALL	464050	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-05
166	ALL	464100	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-05
167	ALL	464150	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
168	ALL	464200	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
169	ALL	464250	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
170	ALL	464300	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
171	ALL	464350	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-05
172	ALL	464400	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-05
173	ALL	464450	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-05
174	ALL	464500	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
175	ALL	464550	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
176	ALL	464600	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
177	ALL	464650	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
178	ALL	464700	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
179	ALL	464750	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-05
180	ALL	464800	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
181	ALL	464850	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-05
182	ALL	464900	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-05
183	ALL	464950	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-05
184	ALL	465000	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
185	ALL	465050	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
186	ALL	465100	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
187	ALL	465150	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
188	ALL	465200	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
189	ALL	464000	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05
190	ALL	464050	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05
191	ALL	464100	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-05
192	ALL	464150	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
193	ALL	464200	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
194	ALL	464250	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
195	ALL	464300	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-05
196	ALL	464350	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-05
197	ALL	464400	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
198	ALL	464450	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
199	ALL	464500	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
200	ALL	464550	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05

201	ALL	464600	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-05
202	ALL	464650	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
203	ALL	464700	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
204	ALL	464750	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.99E-05
205	ALL	464800	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-05
206	ALL	464850	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
207	ALL	464900	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
208	ALL	464950	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
209	ALL	465000	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
210	ALL	465050	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
211	ALL	465100	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-05
212	ALL	465150	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-05
213	ALL	465200	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
214	ALL	463950	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05
215	ALL	464000	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-05
216	ALL	464050	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-05
217	ALL	464100	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05
218	ALL	464150	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
219	ALL	464200	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-05
220	ALL	464250	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
221	ALL	464300	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
222	ALL	464350	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
223	ALL	464400	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
224	ALL	464450	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-05
225	ALL	464500	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
226	ALL	464550	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
227	ALL	464600	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-05
228	ALL	464650	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-05
229	ALL	464700	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-05
230	ALL	464750	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-05
231	ALL	464800	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-05
232	ALL	464850	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
233	ALL	464900	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-05
234	ALL	465050	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-05
235	ALL	465100	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
236	ALL	465150	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
237	ALL	465200	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-05
238	ALL	463950	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-05
239	ALL	464000	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-05
240	ALL	464050	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
241	ALL	464100	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-05
242	ALL	464150	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
243	ALL	464200	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05
244	ALL	464250	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
245	ALL	464300	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-05
246	ALL	464350	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05
247	ALL	464400	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-05
248	ALL	464450	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
249	ALL	464500	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05
250	ALL	464550	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
251	ALL	464600	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-05
252	ALL	464650	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
253	ALL	464700	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05
254	ALL	464750	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-05
255	ALL	464800	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
256	ALL	464850	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-05
257	ALL	464900	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05
258	ALL	465050	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-05
259	ALL	465100	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-05
260	ALL	465150	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05
261	ALL	465200	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05
262	ALL	463900	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
263	ALL	463950	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05
264	ALL	464000	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-05
265	ALL	464050	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-05
266	ALL	464100	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.43E-05
267	ALL	464150	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
268	ALL	464200	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-05
269	ALL	464250	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-05
270	ALL	464300	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-05
271	ALL	464350	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
272	ALL	464400	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05
273	ALL	464450	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
274	ALL	464500	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-05
275	ALL	464550	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
276	ALL	464600	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
277	ALL	464650	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.29E-05
278	ALL	464700	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
279	ALL	464750	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
280	ALL	464800	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-05
281	ALL	464850	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-05
282	ALL	464900	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-05
283	ALL	465100	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-05
284	ALL	465150	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
285	ALL	465200	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
286	ALL	463850	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05
287	ALL	463900	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-05
288	ALL	463950	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-05
289	ALL	464000	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05
290	ALL	464050	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-05
291	ALL	464100	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.40E-05
292	ALL	464150	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-05
293	ALL	464200	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
294	ALL	464250	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-05
295	ALL	464300	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-05
296	ALL	464350	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
297	ALL	464400	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-05
298	ALL	464450	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-05
299	ALL	464500	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
300	ALL	464550	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-05
301	ALL	464600	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05

302	ALL	464650	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.06E-05
303	ALL	464700	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05
304	ALL	464750	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.12E-05
305	ALL	464800	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-05
306	ALL	464850	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
307	ALL	464900	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
308	ALL	465200	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-05
309	ALL	463850	3673450	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
310	ALL	463900	3673450	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
311	ALL	463950	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
312	ALL	464000	3673450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
313	ALL	464050	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-05
314	ALL	464100	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-05
315	ALL	464150	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-05
316	ALL	464200	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-05
317	ALL	464250	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-05
318	ALL	464300	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05
319	ALL	464350	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05
320	ALL	464400	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-05
321	ALL	464450	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.06E-05
322	ALL	464500	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05
323	ALL	464550	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
324	ALL	464600	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-05
325	ALL	464650	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.16E-05
326	ALL	464700	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-05
327	ALL	464750	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05
328	ALL	464800	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-05
329	ALL	464850	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-05
330	ALL	464950	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-05
331	ALL	465000	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-05
332	ALL	463800	3673500	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
333	ALL	463850	3673500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
334	ALL	463900	3673500	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
335	ALL	463950	3673500	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
336	ALL	464000	3673500	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
337	ALL	464050	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-05
338	ALL	464100	3673500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05
339	ALL	464150	3673500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05
340	ALL	464200	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.27E-05
341	ALL	464250	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05
342	ALL	464300	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-05
343	ALL	464350	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-05
344	ALL	464400	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-05
345	ALL	464450	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.67E-05
346	ALL	464500	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05
347	ALL	464550	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-05
348	ALL	464600	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-05
349	ALL	464650	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.73E-05
350	ALL	464700	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-05
351	ALL	464750	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.53E-05
352	ALL	464800	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
353	ALL	465000	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-05
354	ALL	465050	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-05
355	ALL	463750	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
356	ALL	463800	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
357	ALL	463850	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
358	ALL	463900	3673550	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
359	ALL	463950	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
360	ALL	464000	3673550	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
361	ALL	464050	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
362	ALL	464100	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
363	ALL	464150	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
364	ALL	464200	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-05
365	ALL	464250	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-05
366	ALL	464300	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.95E-05
367	ALL	464350	3673550	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
368	ALL	464400	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05
369	ALL	464450	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.12E-05
370	ALL	464500	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.16E-05
371	ALL	464550	3673550	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
372	ALL	464600	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.06E-05
373	ALL	464650	3673550	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
374	ALL	464700	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05
375	ALL	464750	3673550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-05
376	ALL	464800	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-05
377	ALL	464850	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.30E-05
378	ALL	464900	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.93E-05
379	ALL	464950	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.65E-05
380	ALL	465000	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
381	ALL	465050	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
382	ALL	465100	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-05
383	ALL	463650	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
384	ALL	463700	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-04
385	ALL	463750	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
386	ALL	463800	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-04
387	ALL	463850	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
388	ALL	463900	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
389	ALL	463950	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
390	ALL	464000	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
391	ALL	464050	3673600	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	0.00E+00	0.00E+00	1.94E-04
392	ALL	464100	3673600	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
393	ALL	464150	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
394	ALL	464200	3673600	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
395	ALL	464250	3673600	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
396	ALL	464300	3673600	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
397	ALL	464350	3673600	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
398	ALL	464400	3673600	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
399	ALL	464450	3673600	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
400	ALL	464500	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
401	ALL	464550	3673600	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
402	ALL	464600	3673600	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

403	ALL	464650	3673600	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
404	ALL	464700	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
405	ALL	464750	3673600	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
406	ALL	464800	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-05
407	ALL	464850	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.68E-05
408	ALL	464900	3673600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-05
409	ALL	464950	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-05
410	ALL	465000	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-05
411	ALL	463600	3673650	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
412	ALL	463650	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
413	ALL	463700	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
414	ALL	463750	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
415	ALL	463800	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
416	ALL	463850	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04
417	ALL	463900	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
418	ALL	463950	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
419	ALL	464000	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
420	ALL	464050	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
421	ALL	464100	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
422	ALL	464150	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
423	ALL	464200	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
424	ALL	464250	3673650	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
425	ALL	464300	3673650	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
426	ALL	464350	3673650	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
427	ALL	464400	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
428	ALL	464450	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
429	ALL	464500	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
430	ALL	464550	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-04
431	ALL	464600	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
432	ALL	464650	3673650	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
433	ALL	464700	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
434	ALL	464750	3673650	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
435	ALL	464800	3673650	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	0.00E+00	1.12E-04
436	ALL	464850	3673650	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
437	ALL	464900	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05
438	ALL	464950	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05
439	ALL	465200	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-05
440	ALL	463600	3673700	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
441	ALL	463650	3673700	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	0.00E+00	0.00E+00	1.94E-04
442	ALL	463700	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-04
443	ALL	463750	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
444	ALL	463800	3673700	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	0.00E+00	0.00E+00	3.87E-04
445	ALL	463950	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.23E-04
446	ALL	464000	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
447	ALL	464050	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
448	ALL	464100	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-04
449	ALL	464150	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.96E-04
450	ALL	464200	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-04
451	ALL	464250	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
452	ALL	464300	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-04
453	ALL	464350	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
454	ALL	464400	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
455	ALL	464450	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-04
456	ALL	464500	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
457	ALL	464550	3673700	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
458	ALL	464600	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-04
459	ALL	464650	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-04
460	ALL	464700	3673700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
461	ALL	464750	3673700	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
462	ALL	464800	3673700	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	0.00E+00	1.32E-04
463	ALL	464850	3673700	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
464	ALL	465200	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-05
465	ALL	463650	3673750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
466	ALL	463700	3673750	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
467	ALL	463750	3673750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
468	ALL	463800	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
469	ALL	463900	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.14E-04
470	ALL	463950	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
471	ALL	464000	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
472	ALL	464050	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-03
473	ALL	464100	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04
474	ALL	464150	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
475	ALL	464200	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.06E-04
476	ALL	464250	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-04
477	ALL	464300	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.92E-04
478	ALL	464350	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-04
479	ALL	464400	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.24E-04
480	ALL	464450	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
481	ALL	464500	3673750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.79E-04
482	ALL	464550	3673750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-04
483	ALL	464600	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
484	ALL	464650	3673750	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	0.00E+00	0.00E+00	0.00E+00	2.33E-04
485	ALL	464700	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
486	ALL	464750	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
487	ALL	465150	3673750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05
488	ALL	465200	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-05
489	ALL	463750	3673800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-04
490	ALL	463800	3673800	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
491	ALL	463900	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-04
492	ALL	463950	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
493	ALL	464000	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-03
494	ALL	464050	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-03
495	ALL	464100	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.84E-03
496	ALL	464150	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
497	ALL	464200	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
498	ALL	464300	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-03
499	ALL	464350	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
500	ALL	464400	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.05E-04
501	ALL	464450	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-04
502	ALL	464500	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
503	ALL	464550	3673800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-04

504	ALL	465100	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
505	ALL	465150	3673800	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	0.00E+00	0.00E+00	8.82E-05
506	ALL	465200	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-05
507	ALL	463900	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-04
508	ALL	463950	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
509	ALL	464000	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-03
510	ALL	464200	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-03
511	ALL	464750	3673850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
512	ALL	464800	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
513	ALL	465100	3673850	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
514	ALL	465150	3673850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
515	ALL	465200	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
516	ALL	463950	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-03
517	ALL	464000	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-03
518	ALL	464200	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-02
519	ALL	464650	3673900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-04
520	ALL	464700	3673900	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
521	ALL	464750	3673900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
522	ALL	465100	3673900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
523	ALL	465150	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-05
524	ALL	465200	3673900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.96E-05
525	ALL	463500	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-05
526	ALL	464000	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
527	ALL	464200	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-02
528	ALL	464550	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
529	ALL	464600	3673950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
530	ALL	464650	3673950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
531	ALL	464700	3673950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
532	ALL	465100	3673950	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
533	ALL	465150	3673950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
534	ALL	465200	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.15E-05
535	ALL	463450	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
536	ALL	463500	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-05
537	ALL	463550	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
538	ALL	463600	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-05
539	ALL	464050	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-03
540	ALL	464100	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-03
541	ALL	464150	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
542	ALL	464200	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-03
543	ALL	464550	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-04
544	ALL	464600	3674000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
545	ALL	464650	3674000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-04
546	ALL	465100	3674000	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
547	ALL	465150	3674000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
548	ALL	465200	3674000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
549	ALL	463400	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-05
550	ALL	463450	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-05
551	ALL	463500	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
552	ALL	463550	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
553	ALL	463600	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-05
554	ALL	463650	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-05
555	ALL	464150	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
556	ALL	464500	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
557	ALL	464550	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
558	ALL	464600	3674050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-04
559	ALL	465100	3674050	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
560	ALL	465150	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-05
561	ALL	465200	3674050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-05
562	ALL	463400	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-05
563	ALL	463550	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
564	ALL	463600	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.33E-05
565	ALL	463650	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.18E-05
566	ALL	463700	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-05
567	ALL	464500	3674100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
568	ALL	464550	3674100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-04
569	ALL	465100	3674100	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
570	ALL	465150	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-05
571	ALL	465200	3674100	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	0.00E+00	0.00E+00	8.82E-05
572	ALL	463350	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-05
573	ALL	463500	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-05
574	ALL	463550	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-05
575	ALL	463600	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-05
576	ALL	463700	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-05
577	ALL	464500	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-04
578	ALL	464550	3674150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
579	ALL	465100	3674150	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
580	ALL	465150	3674150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-05
581	ALL	465200	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.61E-05
582	ALL	463300	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-05
583	ALL	463450	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-05
584	ALL	463500	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-05
585	ALL	463550	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
586	ALL	463600	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05
587	ALL	463650	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05
588	ALL	463700	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05
589	ALL	464450	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
590	ALL	464500	3674200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
591	ALL	465200	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
592	ALL	463300	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
593	ALL	463400	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-05
594	ALL	463450	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-05
595	ALL	463500	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-05
596	ALL	463550	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
597	ALL	465100	3674250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
598	ALL	465150	3674250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-05
599	ALL	465200	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-05
600	ALL	463350	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-05
601	ALL	463400	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-05
602	ALL	463450	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-05
603	ALL	463500	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-05
604	ALL	463550	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05

605	ALL	463700	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-05
606	ALL	463800	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-05
607	ALL	463850	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-05
608	ALL	463900	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-05
609	ALL	463950	3674300	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
610	ALL	464000	3674300	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
611	ALL	465150	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-05
612	ALL	465200	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.36E-05
613	ALL	463300	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05
614	ALL	463350	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-05
615	ALL	463400	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
616	ALL	463450	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-05
617	ALL	463500	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-05
618	ALL	463550	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
619	ALL	463600	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
620	ALL	463650	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-05
621	ALL	463700	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.76E-05
622	ALL	463750	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.32E-05
623	ALL	463800	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-05
624	ALL	463850	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-05
625	ALL	463900	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.05E-05
626	ALL	465050	3674350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05
627	ALL	465100	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
628	ALL	465150	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05
629	ALL	465200	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-05
630	ALL	463300	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-05
631	ALL	463350	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
632	ALL	463400	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
633	ALL	463450	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05
634	ALL	463500	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-05
635	ALL	463550	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
636	ALL	463600	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-05
637	ALL	463700	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-05
638	ALL	463750	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-05
639	ALL	463800	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-05
640	ALL	463850	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-05
641	ALL	463900	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-05
642	ALL	463950	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-05
643	ALL	464150	3674400	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	0.00E+00	1.12E-04
644	ALL	465050	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-05
645	ALL	465100	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-05
646	ALL	465150	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-05
647	ALL	465200	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05
648	ALL	463250	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-05
649	ALL	463300	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
650	ALL	463350	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
651	ALL	463400	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-05
652	ALL	463450	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-05
653	ALL	463500	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-05
654	ALL	463550	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-05
655	ALL	463600	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
656	ALL	463750	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-05
657	ALL	463800	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-05
658	ALL	463850	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-05
659	ALL	463900	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-05
660	ALL	463950	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-05
661	ALL	464100	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-05
662	ALL	464150	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-05
663	ALL	464200	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
664	ALL	465050	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-05
665	ALL	465100	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05
666	ALL	465150	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.71E-05
667	ALL	465200	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-05
668	ALL	463200	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
669	ALL	463250	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
670	ALL	463300	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05
671	ALL	463350	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-05
672	ALL	463400	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-05
673	ALL	463450	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-05
674	ALL	463500	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-05
675	ALL	463550	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-05
676	ALL	463800	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
677	ALL	463850	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-05
678	ALL	463900	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
679	ALL	464100	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-05
680	ALL	464150	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-05
681	ALL	464200	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-05
682	ALL	464250	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05
683	ALL	463000	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-06
684	ALL	463050	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.92E-06
685	ALL	463100	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.48E-06
686	ALL	463200	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
687	ALL	463250	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
688	ALL	463300	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
689	ALL	463350	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-05
690	ALL	463400	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-05
691	ALL	463450	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-05
692	ALL	463500	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-05
693	ALL	463550	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
694	ALL	463600	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-05
695	ALL	463900	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-05
696	ALL	464050	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-05
697	ALL	464100	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-05
698	ALL	464150	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05
699	ALL	464200	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-05
700	ALL	464250	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.17E-05
701	ALL	464300	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-05
702	ALL	464950	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.08E-05
703	ALL	465000	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-05
704	ALL	465050	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-05
705	ALL	465100	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.64E-05

706	ALL	463000	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.16E-06
707	ALL	463050	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-06
708	ALL	463200	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
709	ALL	463250	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-05
710	ALL	463300	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05
711	ALL	463350	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-05
712	ALL	463400	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-05
713	ALL	463450	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
714	ALL	463500	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-05
715	ALL	463550	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
716	ALL	463600	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-05
717	ALL	464050	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-05
718	ALL	464100	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-05
719	ALL	464150	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-05
720	ALL	464200	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.31E-05
721	ALL	464250	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05
722	ALL	464300	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-05
723	ALL	464350	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-05
724	ALL	464900	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-05
725	ALL	464950	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-05
726	ALL	465000	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-05
727	ALL	465050	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
728	ALL	465100	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
729	ALL	463000	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-06
730	ALL	463050	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-06
731	ALL	463100	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.00E-06
732	ALL	463200	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
733	ALL	463250	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
734	ALL	463300	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
735	ALL	463350	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-05
736	ALL	463400	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
737	ALL	463450	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-05
738	ALL	463500	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-05
739	ALL	463550	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-05
740	ALL	463600	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-05
741	ALL	464000	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-05
742	ALL	464050	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-05
743	ALL	464100	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-05
744	ALL	464150	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.59E-05
745	ALL	464200	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-05
746	ALL	464250	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.57E-05
747	ALL	464300	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-05
748	ALL	464350	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-05
749	ALL	464900	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
750	ALL	464950	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.90E-05
751	ALL	465000	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.77E-05
752	ALL	465050	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
753	ALL	465100	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-05
754	ALL	465200	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-05
755	ALL	463000	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-06
756	ALL	463050	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-06
757	ALL	463100	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.78E-06
758	ALL	463200	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-06
759	ALL	463250	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
760	ALL	463300	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
761	ALL	463350	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-05
762	ALL	463400	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
763	ALL	463450	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-05
764	ALL	463500	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-05
765	ALL	463550	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-05
766	ALL	463600	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-05
767	ALL	464050	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05
768	ALL	464100	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-05
769	ALL	464150	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-05
770	ALL	464200	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-05
771	ALL	464250	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-05
772	ALL	464300	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
773	ALL	464350	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-05
774	ALL	464950	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-05
775	ALL	465000	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-05
776	ALL	465050	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-05
777	ALL	465100	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-05
778	ALL	465150	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-05
779	ALL	465200	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-05
780	ALL	463000	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.64E-06
781	ALL	463050	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-06
782	ALL	463100	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-06
783	ALL	463200	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-06
784	ALL	463250	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
785	ALL	463300	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
786	ALL	463350	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-05
787	ALL	463400	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05
788	ALL	463450	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-05
789	ALL	463500	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-05
790	ALL	463550	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-05
791	ALL	463600	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-05
792	ALL	464100	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-05
793	ALL	464150	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-05
794	ALL	464200	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05
795	ALL	464250	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-05
796	ALL	464300	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05
797	ALL	464350	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-05
798	ALL	465000	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-05
799	ALL	465050	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-05
800	ALL	465100	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-05
801	ALL	465150	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
802	ALL	465200	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-05
803	ALL	463000	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-06
804	ALL	463050	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-06
805	ALL	463100	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-06
806	ALL	463150	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-06

807	ALL	463200	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-06
808	ALL	463250	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-06
809	ALL	463300	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
810	ALL	463350	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-05
811	ALL	463400	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-05
812	ALL	463450	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-05
813	ALL	463500	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-05
814	ALL	463550	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-05
815	ALL	464150	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.15E-05
816	ALL	464200	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-05
817	ALL	464250	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-05
818	ALL	464400	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05
819	ALL	464450	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-05
820	ALL	464500	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-05
821	ALL	465100	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-05
822	ALL	465150	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
823	ALL	465200	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.60E-05
824	ALL	463000	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.34E-06
825	ALL	463050	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-06
826	ALL	463100	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-06
827	ALL	463150	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.58E-06
828	ALL	463200	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.05E-06
829	ALL	463250	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.57E-06
830	ALL	463300	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-05
831	ALL	463350	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-05
832	ALL	463400	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-05
833	ALL	463450	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-05
834	ALL	463500	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-05
835	ALL	463550	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-05
836	ALL	464200	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-05
837	ALL	464250	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-05
838	ALL	464300	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-05
839	ALL	464350	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
840	ALL	464400	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-05
841	ALL	464450	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-05
842	ALL	464500	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-05
843	ALL	465150	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-05
844	ALL	465200	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-05
845	ALL	463000	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.21E-06
846	ALL	463050	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.55E-06
847	ALL	463100	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-06
848	ALL	463150	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-06
849	ALL	463200	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-06
850	ALL	463250	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-06
851	ALL	463300	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-06
852	ALL	463350	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-05
853	ALL	463400	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-05
854	ALL	463450	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-05
855	ALL	463500	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
856	ALL	463550	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-05
857	ALL	464300	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-05
858	ALL	464350	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-05
859	ALL	464400	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-05
860	ALL	464450	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05
861	ALL	464500	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-05
862	ALL	464550	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-05
863	ALL	464600	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.98E-05
864	ALL	464650	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-05
865	ALL	463000	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-06
866	ALL	463050	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-06
867	ALL	463100	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-06
868	ALL	463150	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-06
869	ALL	463200	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-06
870	ALL	463250	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.84E-06
871	ALL	463300	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-06
872	ALL	463350	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-06
873	ALL	463400	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-05
874	ALL	463450	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-05
875	ALL	463500	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-05
876	ALL	463550	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-05
877	ALL	464100	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.26E-05
878	ALL	464150	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-05
879	ALL	464400	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-05
880	ALL	464450	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-05
881	ALL	464500	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-05
882	ALL	464550	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-05
883	ALL	464600	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-05
884	ALL	464650	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-05

RAInput.hra

*HARP - HRACalc v19044 10/8/2019 2:03:18 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR 2019.04\HRA\HARP2\Variable\ALTA OCEANSIDE CONSTRUCTION UNMI

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		464300	3672750	1.59E-07	2.17YrCanc	1.59E-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
2	ALL		464350	3672750	1.56E-07	2.17YrCanc	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		464400	3672750	1.53E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
4	ALL		464450	3672750	1.50E-07	2.17YrCanc	1.50E-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	0.00E+00	0.00E+00
5	ALL		464500	3672750	1.48E-07	2.17YrCanc	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		464550	3672750	1.47E-07	2.17YrCanc	1.47E-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
7	ALL		464600	3672750	1.46E-07	2.17YrCanc	1.46E-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	0.00E+00	0.00E+00
8	ALL		464650	3672750	1.45E-07	2.17YrCanc	1.45E-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
9	ALL		464700	3672750	1.44E-07	2.17YrCanc	1.44E-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
10	ALL		464750	3672750	1.41E-07	2.17YrCanc	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	0.00E+00	0.00E+00
11	ALL		464800	3672750	1.39E-07	2.17YrCanc	1.39E-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	0.00E+00	0.00E+00
12	ALL		464850	3672750	1.37E-07	2.17YrCanc	1.37E-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
13	ALL		464900	3672750	1.36E-07	2.17YrCanc	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		464950	3672750	1.35E-07	2.17YrCanc	1.35E-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
15	ALL		465000	3672750	1.35E-07	2.17YrCanc	1.35E-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
16	ALL		465050	3672750	1.35E-07	2.17YrCanc	1.35E-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
17	ALL		465100	3672750	1.35E-07	2.17YrCanc	1.35E-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
18	ALL		465150	3672750	1.35E-07	2.17YrCanc	1.35E-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
19	ALL		465200	3672750	1.36E-07	2.17YrCanc	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		464300	3672800	1.70E-07	2.17YrCanc	1.70E-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
21	ALL		464350	3672800	1.67E-07	2.17YrCanc	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	0.00E+00	0.00E+00
22	ALL		464400	3672800	1.63E-07	2.17YrCanc	1.63E-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
23	ALL		464450	3672800	1.61E-07	2.17YrCanc	1.61E-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
24	ALL		464500	3672800	1.59E-07	2.17YrCanc	1.59E-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
25	ALL		464550	3672800	1.57E-07	2.17YrCanc	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	0.00E+00
26	ALL		464600	3672800	1.56E-07	2.17YrCanc	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL		464650	3672800	1.55E-07	2.17YrCanc	1.55E-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
28	ALL		464700	3672800	1.52E-07	2.17YrCanc	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
29	ALL		464750	3672800	1.50E-07	2.17YrCanc	1.50E-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	0.00E+00	0.00E+00
30	ALL		464800	3672800	1.48E-07	2.17YrCanc	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL		464850	3672800	1.47E-07	2.17YrCanc	1.47E-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
32	ALL		464900	3672800	1.44E-07	2.17YrCanc	1.44E-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
33	ALL		464950	3672800	1.44E-07	2.17YrCanc	1.44E-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
34	ALL		465000	3672800	1.44E-07	2.17YrCanc	1.44E-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
35	ALL		465050	3672800	1.45E-07	2.17YrCanc	1.45E-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
36	ALL		465100	3672800	1.45E-07	2.17YrCanc	1.45E-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
37	ALL		465150	3672800	1.47E-07	2.17YrCanc	1.47E-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
38	ALL		465200	3672800	1.48E-07	2.17YrCanc	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
39	ALL		464250	3672850	1.90E-07	2.17YrCanc	1.90E-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
40	ALL		464300	3672850	1.85E-07	2.17YrCanc	1.85E-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
41	ALL		464350	3672850	1.79E-07	2.17YrCanc	1.79E-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
42	ALL		464400	3672850	1.75E-07	2.17YrCanc	1.75E-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
43	ALL		464450	3672850	1.72E-07	2.17YrCanc	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
44	ALL		464500	3672850	1.71E-07	2.17YrCanc	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	0.00E+00
45	ALL		464550	3672850	1.69E-07	2.17YrCanc	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL		464600	3672850	1.68E-07	2.17YrCanc	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL		464650	3672850	1.66E-07	2.17YrCanc	1.66E-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
48	ALL		464700	3672850	1.62E-07	2.17YrCanc	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	0.00E+00	0.00E+00
49	ALL		464750	3672850	1.60E-07	2.17YrCanc	1.60E-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
50	ALL		464800	3672850	1.58E-07	2.17YrCanc	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	0.00E+00	0.00E+00
51	ALL		464850	3672850	1.57E-07	2.17YrCanc	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	0.00E+00
52	ALL		464900	3672850	1.56E-07	2.17YrCanc	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
53	ALL		464950	3672850	1.54E-07	2.17YrCanc	1.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL		465000	3672850	1.56E-07	2.17YrCanc	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL		465050	3672850	1.57E-07	2.17YrCanc	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	0.00E+00
56	ALL		465100	3672850	1.59E-07	2.17YrCanc	1.59E-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
57	ALL		465150	3672850	1.60E-07	2.17YrCanc	1.60E-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
58	ALL		465200	3672850	1.62E-07	2.17YrCanc	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	0.00E+00	0.00E+00
59	ALL		464400	3672900	1.89E-07	2.17YrCanc	1.89E-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
60	ALL		464450	3672900	1.86E-07	2.17YrCanc	1.86E-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
61	ALL		464500	3672900	1.84E-07	2.17YrCanc	1.84E-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
62	ALL		464550	3672900	1.83E-07	2.17YrCanc	1.83E-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
63	ALL		464600	3672900	1.81E-07	2.17YrCanc	1.81E-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
64	ALL		464650	3672900	1.77E-07	2.17YrCanc	1.77E-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	0.00E+00	0.00E+00	0.00E+00
65	ALL		464700	3672900	1.74E-07	2.17YrCanc	1.74E-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	0.00E+00	0.00E+00
66	ALL		464750	3672900	1.73E-07	2.17YrCanc	1.73E-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
67	ALL		464800	3672900	1.72E-07	2.17YrCanc	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
68	ALL		464850	3672900	1.71E-07	2.17YrCanc	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	0.00E+00
69	ALL		464900	3672900	1.68E-07	2.17YrCanc	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
70	ALL		464950	3672900	1.69E-07	2.17YrCanc	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
71	ALL		465000	3672900	1.71E-07	2.17YrCanc	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	0.00E+00
72	ALL		465050	3672900	1.72E-07	2.17YrCanc	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
73	ALL		465100	3672900	1.75E-07	2.17YrCanc	1.75E-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
74	ALL		465150	3672900	1.76E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
75	ALL		465200	3672900	1.78E-07	2.17YrCanc	1.78E-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	0.00E+00
76	ALL		464150	3672950	2.48E-07	2.17YrCanc	2.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL		464200	3672950	2.34E-07	2.17YrCanc	2.34E-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
78	ALL		464350	3672950	2.10E-07	2.17YrCanc	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL		464400	3672950	2.05E-07	2.17YrCanc	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL		464450	3672950	2.02E-07	2.17YrCanc	2.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL		464500	3672950	2.00E-07	2.17YrCanc	2.00E-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	0.00E+00	0.00E+00
82	ALL		464550	3672950	1.97E-07	2.17YrCanc	1.97E-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
83	ALL		464600	3672950	1.95E-07	2.17YrCanc	1.95E-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
84	ALL		464650	3672950	1.91E-07	2.17YrCanc	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL		464700	3672950	1.89E-07	2.17YrCanc	1.89E-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
86	ALL		464750	3672950	1.88E-07	2.17YrCanc	1.88E-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	0.00E+00	0.00E+00	0.00E+00
87	ALL		464800	3672950	1.88E-07	2.17YrCanc	1.88E-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	0.00E+00	0.00E+00	0.00E+00
88	ALL		464850	3672950	1.86E-07	2.17YrCanc	1.86E-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

89	ALL	464900	3672950	1.85E-07	2.17YrCanc	1.85E-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
90	ALL	464950	3672950	1.87E-07	2.17YrCanc	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	0.00E+00
91	ALL	465000	3672950	1.89E-07	2.17YrCanc	1.89E-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
92	ALL	465050	3672950	1.91E-07	2.17YrCanc	1.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
93	ALL	465100	3672950	1.93E-07	2.17YrCanc	1.93E-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
94	ALL	465150	3672950	1.94E-07	2.17YrCanc	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	0.00E+00	0.00E+00
95	ALL	465200	3672950	1.95E-07	2.17YrCanc	1.95E-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
96	ALL	464150	3673000	2.71E-07	2.17YrCanc	2.71E-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	0.00E+00
97	ALL	464200	3673000	2.58E-07	2.17YrCanc	2.58E-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	0.00E+00	0.00E+00
98	ALL	464250	3673000	2.45E-07	2.17YrCanc	2.45E-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
99	ALL	464300	3673000	2.36E-07	2.17YrCanc	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
100	ALL	464350	3673000	2.29E-07	2.17YrCanc	2.29E-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	0.00E+00	0.00E+00
101	ALL	464400	3673000	2.24E-07	2.17YrCanc	2.24E-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	0.00E+00	0.00E+00
102	ALL	464450	3673000	2.21E-07	2.17YrCanc	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	464500	3673000	2.18E-07	2.17YrCanc	2.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	464550	3673000	2.16E-07	2.17YrCanc	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	464600	3673000	2.13E-07	2.17YrCanc	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
106	ALL	464650	3673000	2.09E-07	2.17YrCanc	2.09E-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
107	ALL	464700	3673000	2.07E-07	2.17YrCanc	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	464750	3673000	2.07E-07	2.17YrCanc	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
109	ALL	464800	3673000	2.05E-07	2.17YrCanc	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	464850	3673000	2.04E-07	2.17YrCanc	2.04E-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	0.00E+00	0.00E+00
111	ALL	464900	3673000	2.06E-07	2.17YrCanc	2.06E-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
112	ALL	464950	3673000	2.08E-07	2.17YrCanc	2.08E-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
113	ALL	465000	3673000	2.10E-07	2.17YrCanc	2.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	465050	3673000	2.13E-07	2.17YrCanc	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	465100	3673000	2.14E-07	2.17YrCanc	2.14E-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
116	ALL	465150	3673000	2.14E-07	2.17YrCanc	2.14E-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
117	ALL	465200	3673000	2.15E-07	2.17YrCanc	2.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
118	ALL	464100	3673050	3.22E-07	2.17YrCanc	3.22E-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	0.00E+00	0.00E+00
119	ALL	464150	3673050	3.02E-07	2.17YrCanc	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
120	ALL	464200	3673050	2.84E-07	2.17YrCanc	2.84E-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
121	ALL	464250	3673050	2.70E-07	2.17YrCanc	2.70E-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
122	ALL	464300	3673050	2.59E-07	2.17YrCanc	2.59E-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
123	ALL	464350	3673050	2.52E-07	2.17YrCanc	2.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
124	ALL	464400	3673050	2.47E-07	2.17YrCanc	2.47E-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
125	ALL	464450	3673050	2.43E-07	2.17YrCanc	2.43E-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
126	ALL	464500	3673050	2.41E-07	2.17YrCanc	2.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
127	ALL	464550	3673050	2.37E-07	2.17YrCanc	2.37E-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
128	ALL	464600	3673050	2.32E-07	2.17YrCanc	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	464650	3673050	2.30E-07	2.17YrCanc	2.30E-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
130	ALL	464700	3673050	2.29E-07	2.17YrCanc	2.29E-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	0.00E+00	0.00E+00
131	ALL	464750	3673050	2.31E-07	2.17YrCanc	2.31E-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
132	ALL	464800	3673050	2.27E-07	2.17YrCanc	2.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	464850	3673050	2.28E-07	2.17YrCanc	2.28E-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
134	ALL	464900	3673050	2.31E-07	2.17YrCanc	2.31E-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
135	ALL	464950	3673050	2.33E-07	2.17YrCanc	2.33E-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
136	ALL	465000	3673050	2.36E-07	2.17YrCanc	2.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	465050	3673050	2.38E-07	2.17YrCanc	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
138	ALL	465100	3673050	2.38E-07	2.17YrCanc	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
139	ALL	465150	3673050	2.38E-07	2.17YrCanc	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	465200	3673050	2.38E-07	2.17YrCanc	2.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	464050	3673100	3.86E-07	2.17YrCanc	3.86E-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
142	ALL	464100	3673100	3.59E-07	2.17YrCanc	3.59E-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
143	ALL	464150	3673100	3.37E-07	2.17YrCanc	3.37E-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
144	ALL	464200	3673100	3.16E-07	2.17YrCanc	3.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
145	ALL	464250	3673100	2.99E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
146	ALL	464300	3673100	2.88E-07	2.17YrCanc	2.88E-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	0.00E+00	0.00E+00	0.00E+00
147	ALL	464350	3673100	2.80E-07	2.17YrCanc	2.80E-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
148	ALL	464400	3673100	2.74E-07	2.17YrCanc	2.74E-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	0.00E+00	0.00E+00
149	ALL	464450	3673100	2.70E-07	2.17YrCanc	2.70E-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
150	ALL	464500	3673100	2.67E-07	2.17YrCanc	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	0.00E+00
151	ALL	464550	3673100	2.61E-07	2.17YrCanc	2.61E-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
152	ALL	464600	3673100	2.58E-07	2.17YrCanc	2.58E-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	0.00E+00	0.00E+00
153	ALL	464650	3673100	2.57E-07	2.17YrCanc	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	0.00E+00
154	ALL	464700	3673100	2.58E-07	2.17YrCanc	2.58E-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	0.00E+00	0.00E+00
155	ALL	464750	3673100	2.56E-07	2.17YrCanc	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	464800	3673100	2.56E-07	2.17YrCanc	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	464850	3673100	2.59E-07	2.17YrCanc	2.59E-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
158	ALL	464900	3673100	2.62E-07	2.17YrCanc	2.62E-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	0.00E+00	0.00E+00
159	ALL	464950	3673100	2.64E-07	2.17YrCanc	2.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	465000	3673100	2.66E-07	2.17YrCanc	2.66E-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
161	ALL	465050	3673100	2.67E-07	2.17YrCanc	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	0.00E+00
162	ALL	465100	3673100	2.66E-07	2.17YrCanc	2.66E-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
163	ALL	465150	3673100	2.66E-07	2.17YrCanc	2.66E-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
164	ALL	465200	3673100	2.67E-07	2.17YrCanc	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	0.00E+00
165	ALL	464050	3673150	4.37E-07	2.17YrCanc	4.37E-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
166	ALL	464100	3673150	4.08E-07	2.17YrCanc	4.08E-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
167	ALL	464150	3673150	3.78E-07	2.17YrCanc	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	0.00E+00
168	ALL	464200	3673150	3.53E-07	2.17YrCanc	3.53E-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	0.00E+00	0.00E+00	0.00E+00
169	ALL	464250	3673150	3.35E-07	2.17YrCanc	3.35E-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
170	ALL	464300	3673150	3.22E-07	2.17YrCanc	3.22E-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	0.00E+00	0.00E+00
171	ALL	464350	3673150	3.13E-07	2.17YrCanc	3.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	464400	3673150	3.07E-07	2.17YrCanc	3.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	464450	3673150	3.03E-07	2.17YrCanc	3.03E-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
174	ALL	464500	3673150	2.98E-07	2.17YrCanc	2.98E-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
175	ALL	464550	3673150	2.92E-07	2.17YrCanc	2.92E-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
176	ALL	464600	3673150	2.91E-07	2.17YrCanc	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	464650	3673150	2.91E-07	2.17YrCanc	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	464700	3673150	2.92E-07	2.17YrCanc	2.92E-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

179	ALL	464750	3673150	2.91E-07	2.17YrCanc	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	464800	3673150	2.93E-07	2.17YrCanc	2.93E-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
181	ALL	464850	3673150	2.97E-07	2.17YrCanc	2.97E-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
182	ALL	464900	3673150	2.99E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
183	ALL	464950	3673150	3.01E-07	2.17YrCanc	3.01E-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
184	ALL	465000	3673150	3.02E-07	2.17YrCanc	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
185	ALL	465050	3673150	3.02E-07	2.17YrCanc	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	465100	3673150	3.02E-07	2.17YrCanc	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
187	ALL	465150	3673150	3.01E-07	2.17YrCanc	3.01E-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
188	ALL	465200	3673150	3.05E-07	2.17YrCanc	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	464000	3673200	5.38E-07	2.17YrCanc	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	464050	3673200	5.03E-07	2.17YrCanc	5.03E-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
191	ALL	464100	3673200	4.64E-07	2.17YrCanc	4.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
192	ALL	464150	3673200	4.29E-07	2.17YrCanc	4.29E-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	0.00E+00	0.00E+00
193	ALL	464200	3673200	4.00E-07	2.17YrCanc	4.00E-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	0.00E+00	0.00E+00
194	ALL	464250	3673200	3.79E-07	2.17YrCanc	3.79E-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
195	ALL	464300	3673200	3.65E-07	2.17YrCanc	3.65E-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
196	ALL	464350	3673200	3.55E-07	2.17YrCanc	3.55E-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
197	ALL	464400	3673200	3.48E-07	2.17YrCanc	3.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	464450	3673200	3.44E-07	2.17YrCanc	3.44E-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
199	ALL	464500	3673200	3.35E-07	2.17YrCanc	3.35E-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
200	ALL	464550	3673200	3.33E-07	2.17YrCanc	3.33E-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
201	ALL	464600	3673200	3.35E-07	2.17YrCanc	3.35E-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
202	ALL	464650	3673200	3.38E-07	2.17YrCanc	3.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	464700	3673200	3.33E-07	2.17YrCanc	3.33E-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
204	ALL	464750	3673200	3.35E-07	2.17YrCanc	3.35E-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
205	ALL	464800	3673200	3.39E-07	2.17YrCanc	3.39E-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	0.00E+00	0.00E+00
206	ALL	464850	3673200	3.42E-07	2.17YrCanc	3.42E-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	0.00E+00	0.00E+00
207	ALL	464900	3673200	3.45E-07	2.17YrCanc	3.45E-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
208	ALL	464950	3673200	3.46E-07	2.17YrCanc	3.46E-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	0.00E+00	0.00E+00
209	ALL	465000	3673200	3.47E-07	2.17YrCanc	3.47E-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
210	ALL	465050	3673200	3.45E-07	2.17YrCanc	3.45E-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
211	ALL	465100	3673200	3.45E-07	2.17YrCanc	3.45E-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
212	ALL	465150	3673200	3.47E-07	2.17YrCanc	3.47E-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
213	ALL	465200	3673200	3.53E-07	2.17YrCanc	3.53E-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	0.00E+00	0.00E+00	0.00E+00
214	ALL	463950	3673250	6.75E-07	2.17YrCanc	6.75E-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
215	ALL	464000	3673250	6.27E-07	2.17YrCanc	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	464050	3673250	5.84E-07	2.17YrCanc	5.84E-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
217	ALL	464100	3673250	5.35E-07	2.17YrCanc	5.35E-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
218	ALL	464150	3673250	4.93E-07	2.17YrCanc	4.93E-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
219	ALL	464200	3673250	4.59E-07	2.17YrCanc	4.59E-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
220	ALL	464250	3673250	4.35E-07	2.17YrCanc	4.35E-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
221	ALL	464300	3673250	4.18E-07	2.17YrCanc	4.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	464350	3673250	4.07E-07	2.17YrCanc	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL	464400	3673250	4.01E-07	2.17YrCanc	4.01E-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
224	ALL	464450	3673250	3.94E-07	2.17YrCanc	3.94E-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	0.00E+00	0.00E+00
225	ALL	464500	3673250	3.88E-07	2.17YrCanc	3.88E-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	0.00E+00	0.00E+00	0.00E+00
226	ALL	464550	3673250	3.86E-07	2.17YrCanc	3.86E-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
227	ALL	464600	3673250	3.82E-07	2.17YrCanc	3.82E-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
228	ALL	464650	3673250	3.87E-07	2.17YrCanc	3.87E-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	0.00E+00
229	ALL	464700	3673250	3.89E-07	2.17YrCanc	3.89E-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
230	ALL	464750	3673250	3.92E-07	2.17YrCanc	3.92E-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
231	ALL	464800	3673250	3.95E-07	2.17YrCanc	3.95E-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
232	ALL	464850	3673250	3.99E-07	2.17YrCanc	3.99E-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	0.00E+00	0.00E+00	0.00E+00
233	ALL	464900	3673250	4.00E-07	2.17YrCanc	4.00E-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	0.00E+00	0.00E+00
234	ALL	465050	3673250	4.02E-07	2.17YrCanc	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
235	ALL	465100	3673250	4.03E-07	2.17YrCanc	4.03E-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
236	ALL	465150	3673250	4.07E-07	2.17YrCanc	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	465200	3673250	4.12E-07	2.17YrCanc	4.12E-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	0.00E+00
238	ALL	463950	3673300	8.01E-07	2.17YrCanc	8.01E-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
239	ALL	464000	3673300	7.50E-07	2.17YrCanc	7.50E-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	0.00E+00	0.00E+00
240	ALL	464050	3673300	6.86E-07	2.17YrCanc	6.86E-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
241	ALL	464100	3673300	6.27E-07	2.17YrCanc	6.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
242	ALL	464150	3673300	5.75E-07	2.17YrCanc	5.75E-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
243	ALL	464200	3673300	5.35E-07	2.17YrCanc	5.35E-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
244	ALL	464250	3673300	5.06E-07	2.17YrCanc	5.06E-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
245	ALL	464300	3673300	4.87E-07	2.17YrCanc	4.87E-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	0.00E+00
246	ALL	464350	3673300	4.75E-07	2.17YrCanc	4.75E-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
247	ALL	464400	3673300	4.65E-07	2.17YrCanc	4.65E-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
248	ALL	464450	3673300	4.57E-07	2.17YrCanc	4.57E-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	0.00E+00
249	ALL	464500	3673300	4.56E-07	2.17YrCanc	4.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
250	ALL	464550	3673300	4.61E-07	2.17YrCanc	4.61E-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
251	ALL	464600	3673300	4.69E-07	2.17YrCanc	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	464650	3673300	4.58E-07	2.17YrCanc	4.58E-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	0.00E+00	0.00E+00
253	ALL	464700	3673300	4.63E-07	2.17YrCanc	4.63E-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
254	ALL	464750	3673300	4.67E-07	2.17YrCanc	4.67E-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
255	ALL	464800	3673300	4.71E-07	2.17YrCanc	4.71E-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	0.00E+00
256	ALL	464850	3673300	4.71E-07	2.17YrCanc	4.71E-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	0.00E+00
257	ALL	464900	3673300	4.73E-07	2.17YrCanc	4.73E-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
258	ALL	465050	3673300	4.72E-07	2.17YrCanc	4.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	465100	3673300	4.75E-07	2.17YrCanc	4.75E-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
260	ALL	465150	3673300	4.78E-07	2.17YrCanc	4.78E-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	0.00E+00
261	ALL	465200	3673300	4.77E-07	2.17YrCanc	4.77E-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	0.00E+00	0.00E+00	0.00E+00
262	ALL	463900	3673350	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	463950	3673350	9.86E-07	2.17YrCanc	9.86E-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
264	ALL	464000	3673350	9.04E-07	2.17YrCanc	9.04E-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	0.00E+00	0.00E+00
265	ALL	464050	3673350	8.23E-07	2.17YrCanc	8.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
266	ALL	464100	3673350	7.47E-07	2.17YrCanc	7.47E-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
267	ALL	464150	3673350	6.83E-07	2.17YrCanc	6.83E-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
268	ALL	464200	3673350	6.33E-07	2.17YrCanc	6.33E-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

269	ALL	464250	3673350	6.00E-07	2.17YrCanc	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	0.00E+00	0.00E+00
270	ALL	464300	3673350	5.79E-07	2.17YrCanc	5.79E-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
271	ALL	464350	3673350	5.65E-07	2.17YrCanc	5.65E-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
272	ALL	464400	3673350	5.51E-07	2.17YrCanc	5.51E-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
273	ALL	464450	3673350	5.48E-07	2.17YrCanc	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	464500	3673350	5.48E-07	2.17YrCanc	5.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	464550	3673350	5.58E-07	2.17YrCanc	5.58E-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	0.00E+00	0.00E+00
276	ALL	464600	3673350	5.53E-07	2.17YrCanc	5.53E-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	0.00E+00	0.00E+00	0.00E+00
277	ALL	464650	3673350	5.56E-07	2.17YrCanc	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL	464700	3673350	5.59E-07	2.17YrCanc	5.59E-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
279	ALL	464750	3673350	5.66E-07	2.17YrCanc	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
280	ALL	464800	3673350	5.68E-07	2.17YrCanc	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	464850	3673350	5.66E-07	2.17YrCanc	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
282	ALL	464900	3673350	5.64E-07	2.17YrCanc	5.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	465100	3673350	5.58E-07	2.17YrCanc	5.58E-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	0.00E+00	0.00E+00
284	ALL	465150	3673350	5.54E-07	2.17YrCanc	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	465200	3673350	5.45E-07	2.17YrCanc	5.45E-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
286	ALL	463850	3673400	1.39E-06	2.17YrCanc	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	463900	3673400	1.31E-06	2.17YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	463950	3673400	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	464000	3673400	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
290	ALL	464050	3673400	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	464100	3673400	9.11E-07	2.17YrCanc	9.11E-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	0.00E+00	0.00E+00
292	ALL	464150	3673400	8.28E-07	2.17YrCanc	8.28E-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
293	ALL	464200	3673400	7.67E-07	2.17YrCanc	7.67E-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
294	ALL	464250	3673400	7.27E-07	2.17YrCanc	7.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	464300	3673400	7.03E-07	2.17YrCanc	7.03E-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
296	ALL	464350	3673400	6.81E-07	2.17YrCanc	6.81E-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
297	ALL	464400	3673400	6.73E-07	2.17YrCanc	6.73E-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
298	ALL	464450	3673400	6.72E-07	2.17YrCanc	6.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
299	ALL	464500	3673400	6.83E-07	2.17YrCanc	6.83E-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
300	ALL	464550	3673400	6.88E-07	2.17YrCanc	6.88E-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	0.00E+00	0.00E+00	0.00E+00
301	ALL	464600	3673400	6.82E-07	2.17YrCanc	6.82E-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
302	ALL	464650	3673400	6.86E-07	2.17YrCanc	6.86E-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
303	ALL	464700	3673400	6.93E-07	2.17YrCanc	6.93E-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
304	ALL	464750	3673400	6.96E-07	2.17YrCanc	6.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	464800	3673400	6.93E-07	2.17YrCanc	6.93E-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
306	ALL	464850	3673400	6.86E-07	2.17YrCanc	6.86E-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
307	ALL	464900	3673400	6.78E-07	2.17YrCanc	6.78E-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	0.00E+00
308	ALL	465200	3673400	6.18E-07	2.17YrCanc	6.18E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	463850	3673450	1.76E-06	2.17YrCanc	1.76E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
310	ALL	463900	3673450	1.70E-06	2.17YrCanc	1.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	463950	3673450	1.56E-06	2.17YrCanc	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
312	ALL	464000	3673450	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL	464050	3673450	1.27E-06	2.17YrCanc	1.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL	464100	3673450	1.14E-06	2.17YrCanc	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL	464150	3673450	1.03E-06	2.17YrCanc	1.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL	464200	3673450	9.54E-07	2.17YrCanc	9.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	464250	3673450	9.06E-07	2.17YrCanc	9.06E-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
318	ALL	464300	3673450	8.76E-07	2.17YrCanc	8.76E-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	0.00E+00	0.00E+00	0.00E+00
319	ALL	464350	3673450	8.51E-07	2.17YrCanc	8.51E-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
320	ALL	464400	3673450	8.48E-07	2.17YrCanc	8.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	464450	3673450	8.54E-07	2.17YrCanc	8.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	464500	3673450	8.68E-07	2.17YrCanc	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	464550	3673450	8.64E-07	2.17YrCanc	8.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	464600	3673450	8.63E-07	2.17YrCanc	8.63E-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
325	ALL	464650	3673450	8.71E-07	2.17YrCanc	8.71E-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	0.00E+00
326	ALL	464700	3673450	8.76E-07	2.17YrCanc	8.76E-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	0.00E+00	0.00E+00	0.00E+00
327	ALL	464750	3673450	8.72E-07	2.17YrCanc	8.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	464800	3673450	8.59E-07	2.17YrCanc	8.59E-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
329	ALL	464850	3673450	8.40E-07	2.17YrCanc	8.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL	464950	3673450	8.10E-07	2.17YrCanc	8.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL	465000	3673450	7.91E-07	2.17YrCanc	7.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL	463800	3673500	2.33E-06	2.17YrCanc	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL	463850	3673500	2.35E-06	2.17YrCanc	2.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL	463900	3673500	2.24E-06	2.17YrCanc	2.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL	463950	3673500	2.07E-06	2.17YrCanc	2.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	464000	3673500	1.86E-06	2.17YrCanc	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	464050	3673500	1.66E-06	2.17YrCanc	1.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	464100	3673500	1.48E-06	2.17YrCanc	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	464150	3673500	1.33E-06	2.17YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	464200	3673500	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	464250	3673500	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	464300	3673500	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	464350	3673500	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	464400	3673500	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	464450	3673500	1.13E-06	2.17YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
346	ALL	464500	3673500	1.13E-06	2.17YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	464550	3673500	1.13E-06	2.17YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	464600	3673500	1.13E-06	2.17YrCanc	1.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	464650	3673500	1.14E-06	2.17YrCanc	1.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	464700	3673500	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL	464750	3673500	1.10E-06	2.17YrCanc	1.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL	464800	3673500	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL	465000	3673500	9.22E-07	2.17YrCanc	9.22E-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	0.00E+00	0.00E+00
354	ALL	465050	3673500	8.85E-07	2.17YrCanc	8.85E-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
355	ALL	463750	3673550	2.91E-06	2.17YrCanc	2.91E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL	463800	3673550	3.04E-06	2.17YrCanc	3.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL	463850	3673550	3.13E-06	2.17YrCanc	3.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	463900	3673550	3.05E-06	2.17YrCanc	3.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

359	ALL	463950	3673550	2.84E-06	2.17YrCanc	2.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
360	ALL	464000	3673550	2.56E-06	2.17YrCanc	2.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	464050	3673550	2.26E-06	2.17YrCanc	2.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	464100	3673550	1.99E-06	2.17YrCanc	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
363	ALL	464150	3673550	1.78E-06	2.17YrCanc	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	464200	3673550	1.64E-06	2.17YrCanc	1.64E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	464250	3673550	1.56E-06	2.17YrCanc	1.56E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	464300	3673550	1.51E-06	2.17YrCanc	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	464350	3673550	1.50E-06	2.17YrCanc	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	464400	3673550	1.53E-06	2.17YrCanc	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	464450	3673550	1.54E-06	2.17YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	464500	3673550	1.55E-06	2.17YrCanc	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	464550	3673550	1.54E-06	2.17YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	464600	3673550	1.53E-06	2.17YrCanc	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	464650	3673550	1.50E-06	2.17YrCanc	1.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL	464700	3673550	1.44E-06	2.17YrCanc	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL	464750	3673550	1.38E-06	2.17YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL	464800	3673550	1.31E-06	2.17YrCanc	1.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL	464850	3673550	1.23E-06	2.17YrCanc	1.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL	464900	3673550	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL	464950	3673550	1.12E-06	2.17YrCanc	1.12E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL	465000	3673550	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL	465050	3673550	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	465100	3673550	9.66E-07	2.17YrCanc	9.66E-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
383	ALL	463650	3673600	2.92E-06	2.17YrCanc	2.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
384	ALL	463700	3673600	3.29E-06	2.17YrCanc	3.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	463750	3673600	3.65E-06	2.17YrCanc	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	463800	3673600	4.03E-06	2.17YrCanc	4.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	463850	3673600	4.23E-06	2.17YrCanc	4.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	463900	3673600	4.24E-06	2.17YrCanc	4.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	463950	3673600	4.07E-06	2.17YrCanc	4.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	464000	3673600	3.74E-06	2.17YrCanc	3.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	464050	3673600	3.28E-06	2.17YrCanc	3.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	464100	3673600	2.85E-06	2.17YrCanc	2.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	464150	3673600	2.53E-06	2.17YrCanc	2.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	464200	3673600	2.33E-06	2.17YrCanc	2.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	464250	3673600	2.19E-06	2.17YrCanc	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	464300	3673600	2.16E-06	2.17YrCanc	2.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	464350	3673600	2.19E-06	2.17YrCanc	2.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
398	ALL	464400	3673600	2.20E-06	2.17YrCanc	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL	464450	3673600	2.20E-06	2.17YrCanc	2.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL	464500	3673600	2.18E-06	2.17YrCanc	2.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL	464550	3673600	2.15E-06	2.17YrCanc	2.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL	464600	3673600	2.08E-06	2.17YrCanc	2.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL	464650	3673600	1.97E-06	2.17YrCanc	1.97E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL	464700	3673600	1.83E-06	2.17YrCanc	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL	464750	3673600	1.71E-06	2.17YrCanc	1.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL	464800	3673600	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL	464850	3673600	1.46E-06	2.17YrCanc	1.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL	464900	3673600	1.38E-06	2.17YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL	464950	3673600	1.30E-06	2.17YrCanc	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL	465000	3673600	1.22E-06	2.17YrCanc	1.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL	463600	3673650	2.68E-06	2.17YrCanc	2.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	463650	3673650	3.21E-06	2.17YrCanc	3.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	463700	3673650	3.84E-06	2.17YrCanc	3.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
414	ALL	463750	3673650	4.47E-06	2.17YrCanc	4.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	463800	3673650	5.18E-06	2.17YrCanc	5.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	463850	3673650	5.82E-06	2.17YrCanc	5.82E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
417	ALL	463900	3673650	6.20E-06	2.17YrCanc	6.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	463950	3673650	6.32E-06	2.17YrCanc	6.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	464000	3673650	5.88E-06	2.17YrCanc	5.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	464050	3673650	5.13E-06	2.17YrCanc	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	464100	3673650	4.41E-06	2.17YrCanc	4.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	464150	3673650	3.89E-06	2.17YrCanc	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	464200	3673650	3.52E-06	2.17YrCanc	3.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	464250	3673650	3.42E-06	2.17YrCanc	3.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	464300	3673650	3.41E-06	2.17YrCanc	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	464350	3673650	3.41E-06	2.17YrCanc	3.41E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	464400	3673650	3.38E-06	2.17YrCanc	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	464450	3673650	3.31E-06	2.17YrCanc	3.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL	464500	3673650	3.17E-06	2.17YrCanc	3.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL	464550	3673650	3.00E-06	2.17YrCanc	3.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL	464600	3673650	2.78E-06	2.17YrCanc	2.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL	464650	3673650	2.55E-06	2.17YrCanc	2.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL	464700	3673650	2.31E-06	2.17YrCanc	2.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL	464750	3673650	2.09E-06	2.17YrCanc	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL	464800	3673650	1.89E-06	2.17YrCanc	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL	464850	3673650	1.74E-06	2.17YrCanc	1.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL	464900	3673650	1.62E-06	2.17YrCanc	1.62E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL	464950	3673650	1.51E-06	2.17YrCanc	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL	465200	3673650	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL	463600	3673700	2.61E-06	2.17YrCanc	2.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL	463650	3673700	3.27E-06	2.17YrCanc	3.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	463700	3673700	4.13E-06	2.17YrCanc	4.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	463750	3673700	5.15E-06	2.17YrCanc	5.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
444	ALL	463800	3673700	6.54E-06	2.17YrCanc	6.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	463950	3673700	1.05E-05	2.17YrCanc	1.05E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	464000	3673700	1.03E-05	2.17YrCanc	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
447	ALL	464050	3673700	9.10E-06	2.17YrCanc	9.10E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	464100	3673700	7.71E-06	2.17YrCanc	7.71E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

449	ALL	464150	3673700	6.68E-06	2.17YrCanc	6.68E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	464200	3673700	6.20E-06	2.17YrCanc	6.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	464250	3673700	6.07E-06	2.17YrCanc	6.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	464300	3673700	6.02E-06	2.17YrCanc	6.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
453	ALL	464350	3673700	5.81E-06	2.17YrCanc	5.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	464400	3673700	5.48E-06	2.17YrCanc	5.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	464450	3673700	5.04E-06	2.17YrCanc	5.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	464500	3673700	4.60E-06	2.17YrCanc	4.60E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	464550	3673700	4.11E-06	2.17YrCanc	4.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	464600	3673700	3.65E-06	2.17YrCanc	3.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
459	ALL	464650	3673700	3.20E-06	2.17YrCanc	3.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL	464700	3673700	2.83E-06	2.17YrCanc	2.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL	464750	3673700	2.50E-06	2.17YrCanc	2.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL	464800	3673700	2.23E-06	2.17YrCanc	2.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL	464850	3673700	2.04E-06	2.17YrCanc	2.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL	465200	3673700	1.18E-06	2.17YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL	463650	3673750	3.03E-06	2.17YrCanc	3.03E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL	463700	3673750	3.99E-06	2.17YrCanc	3.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL	463750	3673750	5.38E-06	2.17YrCanc	5.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL	463800	3673750	7.26E-06	2.17YrCanc	7.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL	463900	3673750	1.37E-05	2.17YrCanc	1.37E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL	463950	3673750	1.83E-05	2.17YrCanc	1.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL	464000	3673750	2.12E-05	2.17YrCanc	2.12E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	464050	3673750	1.99E-05	2.17YrCanc	1.99E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	464100	3673750	1.68E-05	2.17YrCanc	1.68E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	464150	3673750	1.50E-05	2.17YrCanc	1.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	464200	3673750	1.36E-05	2.17YrCanc	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	464250	3673750	1.27E-05	2.17YrCanc	1.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
477	ALL	464300	3673750	1.17E-05	2.17YrCanc	1.17E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	464350	3673750	1.03E-05	2.17YrCanc	1.03E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	464400	3673750	8.84E-06	2.17YrCanc	8.84E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	464450	3673750	7.50E-06	2.17YrCanc	7.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	464500	3673750	6.40E-06	2.17YrCanc	6.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	464550	3673750	5.44E-06	2.17YrCanc	5.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
483	ALL	464600	3673750	4.61E-06	2.17YrCanc	4.61E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	464650	3673750	3.93E-06	2.17YrCanc	3.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	464700	3673750	3.38E-06	2.17YrCanc	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	464750	3673750	2.96E-06	2.17YrCanc	2.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
487	ALL	465150	3673750	1.38E-06	2.17YrCanc	1.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	465200	3673750	1.28E-06	2.17YrCanc	1.28E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	463750	3673800	4.85E-06	2.17YrCanc	4.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
490	ALL	463800	3673800	6.98E-06	2.17YrCanc	6.98E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL	463900	3673800	1.60E-05	2.17YrCanc	1.60E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL	463950	3673800	2.91E-05	2.17YrCanc	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL	464000	3673800	5.25E-05	2.17YrCanc	5.25E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL	464050	3673800	6.65E-05	2.17YrCanc	6.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL	464100	3673800	6.48E-05	2.17YrCanc	6.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL	464150	3673800	4.98E-05	2.17YrCanc	4.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL	464200	3673800	3.83E-05	2.17YrCanc	3.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL	464300	3673800	2.29E-05	2.17YrCanc	2.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL	464350	3673800	1.79E-05	2.17YrCanc	1.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL	464400	3673800	1.36E-05	2.17YrCanc	1.36E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL	464450	3673800	1.04E-05	2.17YrCanc	1.04E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	464500	3673800	8.47E-06	2.17YrCanc	8.47E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	464550	3673800	6.89E-06	2.17YrCanc	6.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	465100	3673800	1.63E-06	2.17YrCanc	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	465150	3673800	1.49E-06	2.17YrCanc	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	465200	3673800	1.37E-06	2.17YrCanc	1.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	463900	3673850	1.46E-05	2.17YrCanc	1.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	463950	3673850	2.93E-05	2.17YrCanc	2.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	464000	3673850	8.18E-05	2.17YrCanc	8.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	464200	3673850	1.30E-04	2.17YrCanc	1.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	464750	3673850	3.89E-06	2.17YrCanc	3.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	464800	3673850	3.38E-06	2.17YrCanc	3.38E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
513	ALL	465100	3673850	1.73E-06	2.17YrCanc	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	465150	3673850	1.58E-06	2.17YrCanc	1.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	465200	3673850	1.45E-06	2.17YrCanc	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	463950	3673900	2.14E-05	2.17YrCanc	2.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	464000	3673900	7.31E-05	2.17YrCanc	7.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	464200	3673900	2.33E-04	2.17YrCanc	2.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	464650	3673900	5.93E-06	2.17YrCanc	5.93E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	464700	3673900	4.96E-06	2.17YrCanc	4.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
521	ALL	464750	3673900	4.21E-06	2.17YrCanc	4.21E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
522	ALL	465100	3673900	1.81E-06	2.17YrCanc	1.81E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL	465150	3673900	1.65E-06	2.17YrCanc	1.65E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL	465200	3673900	1.51E-06	2.17YrCanc	1.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL	463500	3673950	7.68E-07	2.17YrCanc	7.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL	464000	3673950	3.14E-05	2.17YrCanc	3.14E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL	464200	3673950	1.79E-04	2.17YrCanc	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL	464550	3673950	9.29E-06	2.17YrCanc	9.29E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL	464600	3673950	7.45E-06	2.17YrCanc	7.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL	464650	3673950	6.14E-06	2.17YrCanc	6.14E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
531	ALL	464700	3673950	5.13E-06	2.17YrCanc	5.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	465100	3673950	1.85E-06	2.17YrCanc	1.85E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	465150	3673950	1.69E-06	2.17YrCanc	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	465200	3673950	1.54E-06	2.17YrCanc	1.54E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	463450	3674000	5.77E-07	2.17YrCanc	5.77E-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	0.00E+00	0.00E+00	0.00E+00
536	ALL	463500	3674000	6.63E-07	2.17YrCanc	6.63E-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
537	ALL	463550	3674000	7.77E-07	2.17YrCanc	7.77E-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	0.00E+00	0.00E+00	0.00E+00
538	ALL	463600	3674000	9.29E-07	2.17YrCanc	9.29E-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	0.00E+00	0.00E+00

539	ALL	464050	3674000	3.82E-05	2.17YrCanc	3.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	464100	3674000	6.22E-05	2.17YrCanc	6.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	464150	3674000	7.46E-05	2.17YrCanc	7.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
542	ALL	464200	3674000	6.73E-05	2.17YrCanc	6.73E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	464550	3674000	8.75E-06	2.17YrCanc	8.75E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	464600	3674000	7.16E-06	2.17YrCanc	7.16E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	464650	3674000	5.96E-06	2.17YrCanc	5.96E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	465100	3674000	1.86E-06	2.17YrCanc	1.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	465150	3674000	1.69E-06	2.17YrCanc	1.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	465200	3674000	1.55E-06	2.17YrCanc	1.55E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	463400	3674050	4.55E-07	2.17YrCanc	4.55E-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
550	ALL	463450	3674050	5.14E-07	2.17YrCanc	5.14E-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
551	ALL	463500	3674050	5.90E-07	2.17YrCanc	5.90E-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
552	ALL	463550	3674050	6.87E-07	2.17YrCanc	6.87E-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	0.00E+00
553	ALL	463600	3674050	8.13E-07	2.17YrCanc	8.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
554	ALL	463650	3674050	9.83E-07	2.17YrCanc	9.83E-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
555	ALL	464150	3674050	2.91E-05	2.17YrCanc	2.91E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL	464500	3674050	9.30E-06	2.17YrCanc	9.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL	464550	3674050	7.66E-06	2.17YrCanc	7.66E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL	464600	3674050	6.46E-06	2.17YrCanc	6.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
559	ALL	465100	3674050	1.83E-06	2.17YrCanc	1.83E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
560	ALL	465150	3674050	1.67E-06	2.17YrCanc	1.67E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	465200	3674050	1.53E-06	2.17YrCanc	1.53E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	463400	3674100	4.15E-07	2.17YrCanc	4.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	463550	3674100	6.20E-07	2.17YrCanc	6.20E-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
564	ALL	463600	3674100	7.30E-07	2.17YrCanc	7.30E-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
565	ALL	463650	3674100	8.74E-07	2.17YrCanc	8.74E-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	0.00E+00	0.00E+00
566	ALL	463700	3674100	1.07E-06	2.17YrCanc	1.07E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	464500	3674100	7.05E-06	2.17YrCanc	7.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	464550	3674100	6.26E-06	2.17YrCanc	6.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	465100	3674100	1.78E-06	2.17YrCanc	1.78E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	465150	3674100	1.63E-06	2.17YrCanc	1.63E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	465200	3674100	1.49E-06	2.17YrCanc	1.49E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
572	ALL	463350	3674150	3.44E-07	2.17YrCanc	3.44E-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
573	ALL	463500	3674150	4.92E-07	2.17YrCanc	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
574	ALL	463550	3674150	5.68E-07	2.17YrCanc	5.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	463600	3674150	6.64E-07	2.17YrCanc	6.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	463700	3674150	9.51E-07	2.17YrCanc	9.51E-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
577	ALL	464500	3674150	5.31E-06	2.17YrCanc	5.31E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	464550	3674150	4.88E-06	2.17YrCanc	4.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	465100	3674150	1.73E-06	2.17YrCanc	1.73E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
580	ALL	465150	3674150	1.57E-06	2.17YrCanc	1.57E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	465200	3674150	1.45E-06	2.17YrCanc	1.45E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	463300	3674200	2.92E-07	2.17YrCanc	2.92E-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
583	ALL	463450	3674200	4.02E-07	2.17YrCanc	4.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	463500	3674200	4.57E-07	2.17YrCanc	4.57E-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	0.00E+00
585	ALL	463550	3674200	5.25E-07	2.17YrCanc	5.25E-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
586	ALL	463600	3674200	6.09E-07	2.17YrCanc	6.09E-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
587	ALL	463650	3674200	7.16E-07	2.17YrCanc	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	463700	3674200	8.52E-07	2.17YrCanc	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	464450	3674200	4.43E-06	2.17YrCanc	4.43E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	464500	3674200	4.02E-06	2.17YrCanc	4.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	465200	3674200	1.40E-06	2.17YrCanc	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	463300	3674250	2.75E-07	2.17YrCanc	2.75E-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
593	ALL	463400	3674250	3.37E-07	2.17YrCanc	3.37E-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
594	ALL	463450	3674250	3.79E-07	2.17YrCanc	3.79E-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
595	ALL	463500	3674250	4.28E-07	2.17YrCanc	4.28E-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
596	ALL	463550	3674250	4.89E-07	2.17YrCanc	4.89E-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
597	ALL	465100	3674250	1.52E-06	2.17YrCanc	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	465150	3674250	1.42E-06	2.17YrCanc	1.42E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	465200	3674250	1.33E-06	2.17YrCanc	1.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	463350	3674300	2.88E-07	2.17YrCanc	2.88E-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	0.00E+00	0.00E+00	0.00E+00
601	ALL	463400	3674300	3.21E-07	2.17YrCanc	3.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
602	ALL	463450	3674300	3.62E-07	2.17YrCanc	3.62E-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	0.00E+00	0.00E+00
603	ALL	463500	3674300	4.07E-07	2.17YrCanc	4.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	463550	3674300	4.61E-07	2.17YrCanc	4.61E-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
605	ALL	463700	3674300	7.00E-07	2.17YrCanc	7.00E-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	0.00E+00	0.00E+00
606	ALL	463800	3674300	9.60E-07	2.17YrCanc	9.60E-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
607	ALL	463850	3674300	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	463900	3674300	1.40E-06	2.17YrCanc	1.40E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	463950	3674300	1.72E-06	2.17YrCanc	1.72E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	464000	3674300	2.09E-06	2.17YrCanc	2.09E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
611	ALL	465150	3674300	1.32E-06	2.17YrCanc	1.32E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	465200	3674300	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	463300	3674350	2.50E-07	2.17YrCanc	2.50E-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	0.00E+00	0.00E+00
614	ALL	463350	3674350	2.76E-07	2.17YrCanc	2.76E-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	0.00E+00	0.00E+00	0.00E+00
615	ALL	463400	3674350	3.09E-07	2.17YrCanc	3.09E-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
616	ALL	463450	3674350	3.43E-07	2.17YrCanc	3.43E-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
617	ALL	463500	3674350	3.84E-07	2.17YrCanc	3.84E-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
618	ALL	463550	3674350	4.33E-07	2.17YrCanc	4.33E-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
619	ALL	463600	3674350	4.90E-07	2.17YrCanc	4.90E-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
620	ALL	463650	3674350	5.56E-07	2.17YrCanc	5.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	463700	3674350	6.35E-07	2.17YrCanc	6.35E-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
622	ALL	463750	3674350	7.29E-07	2.17YrCanc	7.29E-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	0.00E+00	0.00E+00
623	ALL	463800	3674350	8.46E-07	2.17YrCanc	8.46E-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	0.00E+00	0.00E+00
624	ALL	463850	3674350	9.97E-07	2.17YrCanc	9.97E-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
625	ALL	463900	3674350	1.19E-06	2.17YrCanc	1.19E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
626	ALL	465050	3674350	1.30E-06	2.17YrCanc	1.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	465100	3674350	1.25E-06	2.17YrCanc	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	465150	3674350	1.20E-06	2.17YrCanc	1.20E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

629	ALL	465200	3674350	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	463300	3674400	2.40E-07	2.17YrCanc	2.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
631	ALL	463350	3674400	2.67E-07	2.17YrCanc	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	0.00E+00	0.00E+00
632	ALL	463400	3674400	2.94E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
633	ALL	463450	3674400	3.26E-07	2.17YrCanc	3.26E-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	0.00E+00	0.00E+00
634	ALL	463500	3674400	3.62E-07	2.17YrCanc	3.62E-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	0.00E+00	0.00E+00	0.00E+00
635	ALL	463550	3674400	4.04E-07	2.17YrCanc	4.04E-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	0.00E+00	0.00E+00	0.00E+00
636	ALL	463600	3674400	4.53E-07	2.17YrCanc	4.53E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	463700	3674400	5.72E-07	2.17YrCanc	5.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	463750	3674400	6.49E-07	2.17YrCanc	6.49E-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	0.00E+00
639	ALL	463800	3674400	7.45E-07	2.17YrCanc	7.45E-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	0.00E+00
640	ALL	463850	3674400	8.68E-07	2.17YrCanc	8.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	463900	3674400	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	463950	3674400	1.18E-06	2.17YrCanc	1.18E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	464150	3674400	1.89E-06	2.17YrCanc	1.89E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
644	ALL	465050	3674400	1.15E-06	2.17YrCanc	1.15E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	465100	3674400	1.11E-06	2.17YrCanc	1.11E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	465150	3674400	1.08E-06	2.17YrCanc	1.08E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	465200	3674400	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	463250	3674450	2.13E-07	2.17YrCanc	2.13E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
649	ALL	463300	3674450	2.34E-07	2.17YrCanc	2.34E-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	0.00E+00
650	ALL	463350	3674450	2.56E-07	2.17YrCanc	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	463400	3674450	2.81E-07	2.17YrCanc	2.81E-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	0.00E+00
652	ALL	463450	3674450	3.09E-07	2.17YrCanc	3.09E-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	0.00E+00
653	ALL	463500	3674450	3.41E-07	2.17YrCanc	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	463550	3674450	3.78E-07	2.17YrCanc	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	0.00E+00	0.00E+00
655	ALL	463600	3674450	4.19E-07	2.17YrCanc	4.19E-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	0.00E+00	0.00E+00	0.00E+00
656	ALL	463750	3674450	5.80E-07	2.17YrCanc	5.80E-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	0.00E+00
657	ALL	463800	3674450	6.62E-07	2.17YrCanc	6.62E-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	0.00E+00	0.00E+00	0.00E+00
658	ALL	463850	3674450	7.63E-07	2.17YrCanc	7.63E-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	0.00E+00
659	ALL	463900	3674450	8.73E-07	2.17YrCanc	8.73E-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	0.00E+00
660	ALL	463950	3674450	1.00E-06	2.17YrCanc	1.00E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
661	ALL	464100	3674450	1.39E-06	2.17YrCanc	1.39E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	464150	3674450	1.48E-06	2.17YrCanc	1.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	464200	3674450	1.52E-06	2.17YrCanc	1.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	465050	3674450	1.01E-06	2.17YrCanc	1.01E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	465100	3674450	9.87E-07	2.17YrCanc	9.87E-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	0.00E+00	0.00E+00
666	ALL	465150	3674450	9.64E-07	2.17YrCanc	9.64E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	465200	3674450	9.41E-07	2.17YrCanc	9.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	463200	3674500	1.90E-07	2.17YrCanc	1.90E-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	0.00E+00
669	ALL	463250	3674500	2.05E-07	2.17YrCanc	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	463300	3674500	2.26E-07	2.17YrCanc	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	0.00E+00	0.00E+00
671	ALL	463350	3674500	2.45E-07	2.17YrCanc	2.45E-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	0.00E+00
672	ALL	463400	3674500	2.68E-07	2.17YrCanc	2.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	463450	3674500	2.93E-07	2.17YrCanc	2.93E-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	0.00E+00
674	ALL	463500	3674500	3.22E-07	2.17YrCanc	3.22E-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	0.00E+00	0.00E+00	0.00E+00
675	ALL	463550	3674500	3.52E-07	2.17YrCanc	3.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	463800	3674500	5.92E-07	2.17YrCanc	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	463850	3674500	6.75E-07	2.17YrCanc	6.75E-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	0.00E+00
678	ALL	463900	3674500	7.61E-07	2.17YrCanc	7.61E-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	0.00E+00
679	ALL	464100	3674500	1.17E-06	2.17YrCanc	1.17E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	464150	3674500	1.24E-06	2.17YrCanc	1.24E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	464200	3674500	1.25E-06	2.17YrCanc	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	464250	3674500	1.25E-06	2.17YrCanc	1.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	463000	3674550	1.42E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
684	ALL	463050	3674550	1.51E-07	2.17YrCanc	1.51E-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	0.00E+00
685	ALL	463100	3674550	1.60E-07	2.17YrCanc	1.60E-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	0.00E+00
686	ALL	463200	3674550	1.84E-07	2.17YrCanc	1.84E-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	0.00E+00
687	ALL	463250	3674550	1.99E-07	2.17YrCanc	1.99E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	463300	3674550	2.17E-07	2.17YrCanc	2.17E-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	0.00E+00	0.00E+00	0.00E+00
689	ALL	463350	3674550	2.35E-07	2.17YrCanc	2.35E-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	0.00E+00
690	ALL	463400	3674550	2.56E-07	2.17YrCanc	2.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
691	ALL	463450	3674550	2.78E-07	2.17YrCanc	2.78E-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	0.00E+00	0.00E+00
692	ALL	463500	3674550	3.02E-07	2.17YrCanc	3.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	463550	3674550	3.28E-07	2.17YrCanc	3.28E-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	0.00E+00
694	ALL	463600	3674550	3.57E-07	2.17YrCanc	3.57E-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	0.00E+00	0.00E+00
695	ALL	463900	3674550	6.71E-07	2.17YrCanc	6.71E-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	0.00E+00	0.00E+00
696	ALL	464050	3674550	9.08E-07	2.17YrCanc	9.08E-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	0.00E+00
697	ALL	464100	3674550	9.88E-07	2.17YrCanc	9.88E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	464150	3674550	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	464200	3674550	1.05E-06	2.17YrCanc	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	464250	3674550	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
701	ALL	464300	3674550	1.04E-06	2.17YrCanc	1.04E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	464950	3674550	8.57E-07	2.17YrCanc	8.57E-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	0.00E+00	0.00E+00
703	ALL	465000	3674550	8.30E-07	2.17YrCanc	8.30E-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	0.00E+00
704	ALL	465050	3674550	7.93E-07	2.17YrCanc	7.93E-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	0.00E+00
705	ALL	465100	3674550	7.82E-07	2.17YrCanc	7.82E-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	0.00E+00
706	ALL	463000	3674600	1.38E-07	2.17YrCanc	1.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
707	ALL	463050	3674600	1.46E-07	2.17YrCanc	1.46E-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	0.00E+00	0.00E+00	0.00E+00
708	ALL	463200	3674600	1.78E-07	2.17YrCanc	1.78E-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	0.00E+00	0.00E+00
709	ALL	463250	3674600	1.92E-07	2.17YrCanc	1.92E-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	0.00E+00
710	ALL	463300	3674600	2.09E-07	2.17YrCanc	2.09E-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	0.00E+00
711	ALL	463350	3674600	2.26E-07	2.17YrCanc	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	0.00E+00	0.00E+00
712	ALL	463400	3674600	2.43E-07	2.17YrCanc	2.43E-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	0.00E+00
713	ALL	463450	3674600	2.63E-07	2.17YrCanc	2.63E-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	0.00E+00
714	ALL	463500	3674600	2.84E-07	2.17YrCanc	2.84E-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	0.00E+00
715	ALL	463550	3674600	3.05E-07	2.17YrCanc	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
716	ALL	463600	3674600	3.29E-07	2.17YrCanc	3.29E-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	0.00E+00	0.00E+00	0.00E+00
717	ALL	464050	3674600	7.84E-07	2.17YrCanc	7.84E-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	0.00E+00
718	ALL	464100	3674600	8.52E-07	2.17YrCanc	8.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

719	ALL	464150	3674600	8.91E-07	2.17YrCanc	8.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
720	ALL	464200	3674600	8.96E-07	2.17YrCanc	8.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
721	ALL	464250	3674600	8.87E-07	2.17YrCanc	8.87E-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	0.00E+00
722	ALL	464300	3674600	8.87E-07	2.17YrCanc	8.87E-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	0.00E+00
723	ALL	464350	3674600	9.01E-07	2.17YrCanc	9.01E-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
724	ALL	464900	3674600	7.62E-07	2.17YrCanc	7.62E-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	0.00E+00	0.00E+00
725	ALL	464950	3674600	7.49E-07	2.17YrCanc	7.49E-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
726	ALL	465000	3674600	7.16E-07	2.17YrCanc	7.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
727	ALL	465050	3674600	6.83E-07	2.17YrCanc	6.83E-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
728	ALL	465100	3674600	6.76E-07	2.17YrCanc	6.76E-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	0.00E+00	0.00E+00	0.00E+00
729	ALL	463000	3674650	1.35E-07	2.17YrCanc	1.35E-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
730	ALL	463050	3674650	1.43E-07	2.17YrCanc	1.43E-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
731	ALL	463100	3674650	1.52E-07	2.17YrCanc	1.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
732	ALL	463200	3674650	1.73E-07	2.17YrCanc	1.73E-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
733	ALL	463250	3674650	1.86E-07	2.17YrCanc	1.86E-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
734	ALL	463300	3674650	2.00E-07	2.17YrCanc	2.00E-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	0.00E+00	0.00E+00
735	ALL	463350	3674650	2.16E-07	2.17YrCanc	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
736	ALL	463400	3674650	2.32E-07	2.17YrCanc	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
737	ALL	463450	3674650	2.49E-07	2.17YrCanc	2.49E-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
738	ALL	463500	3674650	2.66E-07	2.17YrCanc	2.66E-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
739	ALL	463550	3674650	2.84E-07	2.17YrCanc	2.84E-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
740	ALL	463600	3674650	3.05E-07	2.17YrCanc	3.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
741	ALL	464000	3674650	6.25E-07	2.17YrCanc	6.25E-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
742	ALL	464050	3674650	6.87E-07	2.17YrCanc	6.87E-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	0.00E+00
743	ALL	464100	3674650	7.41E-07	2.17YrCanc	7.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
744	ALL	464150	3674650	7.75E-07	2.17YrCanc	7.75E-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
745	ALL	464200	3674650	7.78E-07	2.17YrCanc	7.78E-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	0.00E+00
746	ALL	464250	3674650	7.71E-07	2.17YrCanc	7.71E-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	0.00E+00
747	ALL	464300	3674650	7.66E-07	2.17YrCanc	7.66E-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
748	ALL	464350	3674650	7.76E-07	2.17YrCanc	7.76E-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	0.00E+00	0.00E+00	0.00E+00
749	ALL	464900	3674650	6.78E-07	2.17YrCanc	6.78E-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	0.00E+00
750	ALL	464950	3674650	6.58E-07	2.17YrCanc	6.58E-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	0.00E+00	0.00E+00
751	ALL	465000	3674650	6.37E-07	2.17YrCanc	6.37E-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
752	ALL	465050	3674650	6.11E-07	2.17YrCanc	6.11E-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	0.00E+00	0.00E+00
753	ALL	465100	3674650	6.03E-07	2.17YrCanc	6.03E-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
754	ALL	465200	3674650	5.90E-07	2.17YrCanc	5.90E-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
755	ALL	463000	3674700	1.32E-07	2.17YrCanc	1.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
756	ALL	463050	3674700	1.40E-07	2.17YrCanc	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
757	ALL	463100	3674700	1.48E-07	2.17YrCanc	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
758	ALL	463200	3674700	1.68E-07	2.17YrCanc	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
759	ALL	463250	3674700	1.80E-07	2.17YrCanc	1.80E-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
760	ALL	463300	3674700	1.94E-07	2.17YrCanc	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	0.00E+00	0.00E+00
761	ALL	463350	3674700	2.07E-07	2.17YrCanc	2.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
762	ALL	463400	3674700	2.21E-07	2.17YrCanc	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
763	ALL	463450	3674700	2.35E-07	2.17YrCanc	2.35E-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
764	ALL	463500	3674700	2.49E-07	2.17YrCanc	2.49E-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
765	ALL	463550	3674700	2.65E-07	2.17YrCanc	2.65E-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
766	ALL	463600	3674700	2.83E-07	2.17YrCanc	2.83E-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
767	ALL	464050	3674700	6.06E-07	2.17YrCanc	6.06E-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
768	ALL	464100	3674700	6.52E-07	2.17YrCanc	6.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
769	ALL	464150	3674700	6.77E-07	2.17YrCanc	6.77E-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	0.00E+00	0.00E+00	0.00E+00
770	ALL	464200	3674700	6.83E-07	2.17YrCanc	6.83E-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
771	ALL	464250	3674700	6.79E-07	2.17YrCanc	6.79E-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
772	ALL	464300	3674700	6.81E-07	2.17YrCanc	6.81E-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
773	ALL	464350	3674700	6.82E-07	2.17YrCanc	6.82E-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
774	ALL	464950	3674700	5.94E-07	2.17YrCanc	5.94E-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	0.00E+00	0.00E+00
775	ALL	465000	3674700	5.76E-07	2.17YrCanc	5.76E-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	0.00E+00	0.00E+00	0.00E+00
776	ALL	465050	3674700	5.54E-07	2.17YrCanc	5.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
777	ALL	465100	3674700	5.41E-07	2.17YrCanc	5.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
778	ALL	465150	3674700	5.33E-07	2.17YrCanc	5.33E-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
779	ALL	465200	3674700	5.29E-07	2.17YrCanc	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	0.00E+00	0.00E+00
780	ALL	463000	3674750	1.29E-07	2.17YrCanc	1.29E-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	0.00E+00	0.00E+00
781	ALL	463050	3674750	1.36E-07	2.17YrCanc	1.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
782	ALL	463100	3674750	1.44E-07	2.17YrCanc	1.44E-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
783	ALL	463200	3674750	1.63E-07	2.17YrCanc	1.63E-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
784	ALL	463250	3674750	1.76E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
785	ALL	463300	3674750	1.87E-07	2.17YrCanc	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	0.00E+00
786	ALL	463350	3674750	1.98E-07	2.17YrCanc	1.98E-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
787	ALL	463400	3674750	2.09E-07	2.17YrCanc	2.09E-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
788	ALL	463450	3674750	2.21E-07	2.17YrCanc	2.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
789	ALL	463500	3674750	2.33E-07	2.17YrCanc	2.33E-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
790	ALL	463550	3674750	2.47E-07	2.17YrCanc	2.47E-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
791	ALL	463600	3674750	2.63E-07	2.17YrCanc	2.63E-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
792	ALL	464100	3674750	5.77E-07	2.17YrCanc	5.77E-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	0.00E+00	0.00E+00	0.00E+00
793	ALL	464150	3674750	5.99E-07	2.17YrCanc	5.99E-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	0.00E+00	0.00E+00	0.00E+00
794	ALL	464200	3674750	6.05E-07	2.17YrCanc	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	0.00E+00
795	ALL	464250	3674750	6.06E-07	2.17YrCanc	6.06E-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
796	ALL	464300	3674750	6.09E-07	2.17YrCanc	6.09E-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
797	ALL	464350	3674750	6.11E-07	2.17YrCanc	6.11E-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	0.00E+00	0.00E+00
798	ALL	465000	3674750	5.25E-07	2.17YrCanc	5.25E-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
799	ALL	465050	3674750	5.09E-07	2.17YrCanc	5.09E-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
800	ALL	465100	3674750	4.95E-07	2.17YrCanc	4.95E-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
801	ALL	465150	3674750	4.85E-07	2.17YrCanc	4.85E-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
802	ALL	465200	3674750	4.78E-07	2.17YrCanc	4.78E-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	0.00E+00
803	ALL	463000	3674800	1.27E-07	2.17YrCanc	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
804	ALL	463050	3674800	1.33E-07	2.17YrCanc	1.33E-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
805	ALL	463100	3674800	1.41E-07	2.17YrCanc	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	0.00E+00	0.00E+00
806	ALL	463150	3674800	1.49E-07	2.17YrCanc	1.49E-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
807	ALL	463200	3674800	1.58E-07	2.17YrCanc	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	0.00E+00	0.00E+00
808	ALL	463250	3674800	1.68E-07	2.17YrCanc	1.68E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

809	ALL	463300	3674800	1.80E-07	2.17YrCanc	1.80E-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
810	ALL	463350	3674800	1.89E-07	2.17YrCanc	1.89E-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
811	ALL	463400	3674800	1.99E-07	2.17YrCanc	1.99E-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	0.00E+00	0.00E+00	0.00E+00
812	ALL	463450	3674800	2.08E-07	2.17YrCanc	2.08E-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
813	ALL	463500	3674800	2.19E-07	2.17YrCanc	2.19E-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	0.00E+00	0.00E+00
814	ALL	463550	3674800	2.31E-07	2.17YrCanc	2.31E-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
815	ALL	464150	3674800	5.31E-07	2.17YrCanc	5.31E-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
816	ALL	464200	3674800	5.44E-07	2.17YrCanc	5.44E-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
817	ALL	464250	3674800	5.45E-07	2.17YrCanc	5.45E-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
818	ALL	464400	3674800	5.93E-07	2.17YrCanc	5.93E-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
819	ALL	464450	3674800	6.05E-07	2.17YrCanc	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	0.00E+00
820	ALL	464500	3674800	6.21E-07	2.17YrCanc	6.21E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
821	ALL	465100	3674800	4.60E-07	2.17YrCanc	4.60E-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
822	ALL	465150	3674800	4.45E-07	2.17YrCanc	4.45E-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
823	ALL	465200	3674800	4.38E-07	2.17YrCanc	4.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
824	ALL	463000	3674850	1.24E-07	2.17YrCanc	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	0.00E+00	0.00E+00
825	ALL	463050	3674850	1.30E-07	2.17YrCanc	1.30E-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
826	ALL	463100	3674850	1.37E-07	2.17YrCanc	1.37E-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
827	ALL	463150	3674850	1.45E-07	2.17YrCanc	1.45E-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
828	ALL	463200	3674850	1.53E-07	2.17YrCanc	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	0.00E+00	0.00E+00	0.00E+00
829	ALL	463250	3674850	1.61E-07	2.17YrCanc	1.61E-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
830	ALL	463300	3674850	1.72E-07	2.17YrCanc	1.72E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
831	ALL	463350	3674850	1.80E-07	2.17YrCanc	1.80E-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
832	ALL	463400	3674850	1.88E-07	2.17YrCanc	1.88E-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	0.00E+00	0.00E+00	0.00E+00
833	ALL	463450	3674850	1.96E-07	2.17YrCanc	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
834	ALL	463500	3674850	2.06E-07	2.17YrCanc	2.06E-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
835	ALL	463550	3674850	2.17E-07	2.17YrCanc	2.17E-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	0.00E+00	0.00E+00
836	ALL	464200	3674850	4.90E-07	2.17YrCanc	4.90E-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
837	ALL	464250	3674850	5.06E-07	2.17YrCanc	5.06E-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
838	ALL	464300	3674850	5.34E-07	2.17YrCanc	5.34E-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
839	ALL	464350	3674850	5.30E-07	2.17YrCanc	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
840	ALL	464400	3674850	5.31E-07	2.17YrCanc	5.31E-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
841	ALL	464450	3674850	5.38E-07	2.17YrCanc	5.38E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
842	ALL	464500	3674850	5.52E-07	2.17YrCanc	5.52E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
843	ALL	465150	3674850	4.19E-07	2.17YrCanc	4.19E-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	0.00E+00	0.00E+00
844	ALL	465200	3674850	4.06E-07	2.17YrCanc	4.06E-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
845	ALL	463000	3674900	1.22E-07	2.17YrCanc	1.22E-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	0.00E+00	0.00E+00
846	ALL	463050	3674900	1.27E-07	2.17YrCanc	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
847	ALL	463100	3674900	1.34E-07	2.17YrCanc	1.34E-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
848	ALL	463150	3674900	1.41E-07	2.17YrCanc	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	0.00E+00	0.00E+00
849	ALL	463200	3674900	1.48E-07	2.17YrCanc	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
850	ALL	463250	3674900	1.55E-07	2.17YrCanc	1.55E-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
851	ALL	463300	3674900	1.64E-07	2.17YrCanc	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	0.00E+00
852	ALL	463350	3674900	1.71E-07	2.17YrCanc	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	0.00E+00
853	ALL	463400	3674900	1.78E-07	2.17YrCanc	1.78E-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	0.00E+00
854	ALL	463450	3674900	1.85E-07	2.17YrCanc	1.85E-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
855	ALL	463500	3674900	1.94E-07	2.17YrCanc	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	0.00E+00	0.00E+00
856	ALL	463550	3674900	2.05E-07	2.17YrCanc	2.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
857	ALL	464300	3674900	4.86E-07	2.17YrCanc	4.86E-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
858	ALL	464350	3674900	4.80E-07	2.17YrCanc	4.80E-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
859	ALL	464400	3674900	4.79E-07	2.17YrCanc	4.79E-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
860	ALL	464450	3674900	4.76E-07	2.17YrCanc	4.76E-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	0.00E+00	0.00E+00	0.00E+00
861	ALL	464500	3674900	4.75E-07	2.17YrCanc	4.75E-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
862	ALL	464550	3674900	4.85E-07	2.17YrCanc	4.85E-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
863	ALL	464600	3674900	5.03E-07	2.17YrCanc	5.03E-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
864	ALL	464650	3674900	5.23E-07	2.17YrCanc	5.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
865	ALL	463000	3674950	1.19E-07	2.17YrCanc	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	0.00E+00	0.00E+00
866	ALL	463050	3674950	1.25E-07	2.17YrCanc	1.25E-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
867	ALL	463100	3674950	1.31E-07	2.17YrCanc	1.31E-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
868	ALL	463150	3674950	1.37E-07	2.17YrCanc	1.37E-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
869	ALL	463200	3674950	1.43E-07	2.17YrCanc	1.43E-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
870	ALL	463250	3674950	1.49E-07	2.17YrCanc	1.49E-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
871	ALL	463300	3674950	1.56E-07	2.17YrCanc	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
872	ALL	463350	3674950	1.63E-07	2.17YrCanc	1.63E-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
873	ALL	463400	3674950	1.69E-07	2.17YrCanc	1.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
874	ALL	463450	3674950	1.75E-07	2.17YrCanc	1.75E-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
875	ALL	463500	3674950	1.84E-07	2.17YrCanc	1.84E-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
876	ALL	463550	3674950	1.94E-07	2.17YrCanc	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	0.00E+00	0.00E+00
877	ALL	464100	3674950	3.81E-07	2.17YrCanc	3.81E-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
878	ALL	464150	3674950	3.98E-07	2.17YrCanc	3.98E-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
879	ALL	464400	3674950	4.35E-07	2.17YrCanc	4.35E-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
880	ALL	464450	3674950	4.10E-07	2.17YrCanc	4.10E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
881	ALL	464500	3674950	4.20E-07	2.17YrCanc	4.20E-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
882	ALL	464550	3674950	4.33E-07	2.17YrCanc	4.33E-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
883	ALL	464600	3674950	4.46E-07	2.17YrCanc	4.46E-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	0.00E+00	0.00E+00
884	ALL	464650	3674950	4.51E-07	2.17YrCanc	4.51E-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

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*HARP - HRACalc v19044 10/8/2019 2:03:34 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR 2019.04\HRA\HARP2\Variable\ALTA OCEANSIDE CONSTRUCTION UNMIT\hra\AltaOceansideConstU

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		464300	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.13E-05
2	ALL		464350	3672750	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
3	ALL		464400	3672750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-05
4	ALL		464450	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.62E-05
5	ALL		464500	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05
6	ALL		464550	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.44E-05
7	ALL		464600	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05
8	ALL		464650	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-05
9	ALL		464700	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
10	ALL		464750	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.10E-05
11	ALL		464800	3672750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.96E-05
12	ALL		464850	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-05
13	ALL		464900	3672750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
14	ALL		464950	3672750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05
15	ALL		465000	3672750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.77E-05
16	ALL		465050	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.75E-05
17	ALL		465100	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-05
18	ALL		465150	3672750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.76E-05
19	ALL		465200	3672750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
20	ALL		464300	3672800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.76E-05
21	ALL		464350	3672800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.59E-05
22	ALL		464400	3672800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.37E-05
23	ALL		464450	3672800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-05
24	ALL		464500	3672800	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
25	ALL		464550	3672800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05
26	ALL		464600	3672800	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
27	ALL		464650	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-05
28	ALL		464700	3672800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.74E-05
29	ALL		464750	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.57E-05
30	ALL		464800	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05
31	ALL		464850	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-05
32	ALL		464900	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.26E-05
33	ALL		464950	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-05
34	ALL		465000	3672800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-05
35	ALL		465050	3672800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-05
36	ALL		465100	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.32E-05
37	ALL		465150	3672800	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
38	ALL		465200	3672800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-05
39	ALL		464250	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
40	ALL		464300	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
41	ALL		464350	3672850	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
42	ALL		464400	3672850	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
43	ALL		464450	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05
44	ALL		464500	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.78E-05
45	ALL		464550	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-05
46	ALL		464600	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
47	ALL		464650	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-05
48	ALL		464700	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E-05
49	ALL		464750	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.17E-05
50	ALL		464800	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05
51	ALL		464850	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.03E-05
52	ALL		464900	3672850	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
53	ALL		464950	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-05
54	ALL		465000	3672850	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
55	ALL		465050	3672850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.01E-05
56	ALL		465100	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-05
57	ALL		465150	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.19E-05
58	ALL		465200	3672850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.27E-05
59	ALL		464400	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
60	ALL		464450	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
61	ALL		464500	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
62	ALL		464550	3672900	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
63	ALL		464600	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-04
64	ALL		464650	3672900	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
65	ALL		464700	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
66	ALL		464750	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-05
67	ALL		464800	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.88E-05
68	ALL		464850	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-05
69	ALL		464900	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.66E-05
70	ALL		464950	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-05
71	ALL		465000	3672900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.79E-05
72	ALL		465050	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.89E-05
73	ALL		465100	3672900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
74	ALL		465150	3672900	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
75	ALL		465200	3672900	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
76	ALL		464150	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
77	ALL		464200	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
78	ALL		464350	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
79	ALL		464400	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
80	ALL		464450	3672950	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
81	ALL		464500	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
82	ALL		464550	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
83	ALL		464600	3672950	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	0.00E+00	1.12E-04
84	ALL		464650	3672950	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
85	ALL		464700	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
86	ALL		464750	3672950	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
87	ALL		464800	3672950	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
88	ALL		464850	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
89	ALL		464900	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
90	ALL		464950	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
91	ALL		465000	3672950	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		465050	3672950	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
93	ALL		465100	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
94	ALL		465150	3672950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
95	ALL		465200	3672950	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	0.00E+00	1.12E-04
96	ALL		464150	3673000	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
97	ALL		464200	3673000	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
98	ALL		464250	3673000	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
99	ALL		464300	3673000	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

100	ALL	464350	3673000	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
101	ALL	464400	3673000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
102	ALL	464450	3673000	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
103	ALL	464500	3673000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
104	ALL	464550	3673000	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
105	ALL	464600	3673000	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
106	ALL	464650	3673000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
107	ALL	464700	3673000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
108	ALL	464750	3673000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
109	ALL	464800	3673000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
110	ALL	464850	3673000	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
111	ALL	464900	3673000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
112	ALL	464950	3673000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
113	ALL	465000	3673000	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
114	ALL	465050	3673000	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
115	ALL	465100	3673000	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
116	ALL	465150	3673000	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
117	ALL	465200	3673000	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
118	ALL	464100	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
119	ALL	464150	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
120	ALL	464200	3673050	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
121	ALL	464250	3673050	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
122	ALL	464300	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-04
123	ALL	464350	3673050	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
124	ALL	464400	3673050	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
125	ALL	464450	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-04
126	ALL	464500	3673050	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
127	ALL	464550	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
128	ALL	464600	3673050	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
129	ALL	464650	3673050	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	0.00E+00	1.32E-04
130	ALL	464700	3673050	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
131	ALL	464750	3673050	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	0.00E+00	1.32E-04
132	ALL	464800	3673050	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
133	ALL	464850	3673050	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
134	ALL	464900	3673050	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
135	ALL	464950	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
136	ALL	465000	3673050	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
137	ALL	465050	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
138	ALL	465100	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
139	ALL	465150	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-04
140	ALL	465200	3673050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-04
141	ALL	464050	3673100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
142	ALL	464100	3673100	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
143	ALL	464150	3673100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
144	ALL	464200	3673100	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
145	ALL	464250	3673100	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
146	ALL	464300	3673100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
147	ALL	464350	3673100	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
148	ALL	464400	3673100	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
149	ALL	464450	3673100	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
150	ALL	464500	3673100	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
151	ALL	464550	3673100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
152	ALL	464600	3673100	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
153	ALL	464650	3673100	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
154	ALL	464700	3673100	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
155	ALL	464750	3673100	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
156	ALL	464800	3673100	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
157	ALL	464850	3673100	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
158	ALL	464900	3673100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-04
159	ALL	464950	3673100	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
160	ALL	465000	3673100	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
161	ALL	465050	3673100	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
162	ALL	465100	3673100	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
163	ALL	465150	3673100	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
164	ALL	465200	3673100	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
165	ALL	464050	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
166	ALL	464100	3673150	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
167	ALL	464150	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
168	ALL	464200	3673150	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
169	ALL	464250	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
170	ALL	464300	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-04
171	ALL	464350	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-04
172	ALL	464400	3673150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-04
173	ALL	464450	3673150	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
174	ALL	464500	3673150	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
175	ALL	464550	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
176	ALL	464600	3673150	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
177	ALL	464650	3673150	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
178	ALL	464700	3673150	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
179	ALL	464750	3673150	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
180	ALL	464800	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
181	ALL	464850	3673150	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
182	ALL	464900	3673150	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
183	ALL	464950	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
184	ALL	465000	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
185	ALL	465050	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
186	ALL	465100	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
187	ALL	465150	3673150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
188	ALL	465200	3673150	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
189	ALL	464000	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
190	ALL	464050	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-04
191	ALL	464100	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-04
192	ALL	464150	3673200	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
193	ALL	464200	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
194	ALL	464250	3673200	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
195	ALL	464300	3673200	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
196	ALL	464350	3673200	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
197	ALL	464400	3673200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-04
198	ALL	464450	3673200	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
199	ALL	464500	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
200	ALL	464550	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04

201	ALL	464600	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
202	ALL	464650	3673200	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	0.00E+00	0.00E+00	1.94E-04
203	ALL	464700	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-04
204	ALL	464750	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-04
205	ALL	464800	3673200	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	0.00E+00	0.00E+00	1.94E-04
206	ALL	464850	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
207	ALL	464900	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
208	ALL	464950	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
209	ALL	465000	3673200	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
210	ALL	465050	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
211	ALL	465100	3673200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
212	ALL	465150	3673200	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
213	ALL	465200	3673200	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
214	ALL	463950	3673250	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	0.00E+00	0.00E+00	3.87E-04
215	ALL	464000	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-04
216	ALL	464050	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-04
217	ALL	464100	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
218	ALL	464150	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
219	ALL	464200	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-04
220	ALL	464250	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-04
221	ALL	464300	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
222	ALL	464350	3673250	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
223	ALL	464400	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
224	ALL	464450	3673250	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
225	ALL	464500	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
226	ALL	464550	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.21E-04
227	ALL	464600	3673250	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
228	ALL	464650	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-04
229	ALL	464700	3673250	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
230	ALL	464750	3673250	NonCancer	0.00E+00	0.00E+00	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	0.00E+00	0.00E+00	2.25E-04
231	ALL	464800	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-04
232	ALL	464850	3673250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-04
233	ALL	464900	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
234	ALL	465050	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-04
235	ALL	465100	3673250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
236	ALL	465150	3673250	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	0.00E+00	0.00E+00	0.00E+00	2.33E-04
237	ALL	465200	3673250	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
238	ALL	463950	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E-04
239	ALL	464000	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-04
240	ALL	464050	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
241	ALL	464100	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-04
242	ALL	464150	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
243	ALL	464200	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.07E-04
244	ALL	464250	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
245	ALL	464300	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
246	ALL	464350	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
247	ALL	464400	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.67E-04
248	ALL	464450	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
249	ALL	464500	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
250	ALL	464550	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
251	ALL	464600	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-04
252	ALL	464650	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
253	ALL	464700	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-04
254	ALL	464750	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-04
255	ALL	464800	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
256	ALL	464850	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-04
257	ALL	464900	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
258	ALL	465050	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.71E-04
259	ALL	465100	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.72E-04
260	ALL	465150	3673300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
261	ALL	465200	3673300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
262	ALL	463900	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
263	ALL	463950	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
264	ALL	464000	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
265	ALL	464050	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.72E-04
266	ALL	464100	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
267	ALL	464150	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
268	ALL	464200	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-04
269	ALL	464250	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.44E-04
270	ALL	464300	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-04
271	ALL	464350	3673350	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
272	ALL	464400	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-04
273	ALL	464450	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
274	ALL	464500	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-04
275	ALL	464550	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
276	ALL	464600	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
277	ALL	464650	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
278	ALL	464700	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-04
279	ALL	464750	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
280	ALL	464800	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
281	ALL	464850	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.25E-04
282	ALL	464900	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-04
283	ALL	465100	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.20E-04
284	ALL	465150	3673350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
285	ALL	465200	3673350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
286	ALL	463850	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.98E-04
287	ALL	463900	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.51E-04
288	ALL	463950	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.03E-04
289	ALL	464000	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-04
290	ALL	464050	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.79E-04
291	ALL	464100	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-04
292	ALL	464150	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04
293	ALL	464200	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.40E-04
294	ALL	464250	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-04
295	ALL	464300	3673400	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
296	ALL	464350	3673400	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
297	ALL	464400	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-04
298	ALL	464450	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
299	ALL	464500	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
300	ALL	464550	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-04
301	ALL	464600	3673400	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

302	ALL	464650	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.93E-04
303	ALL	464700	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.98E-04
304	ALL	464750	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.99E-04
305	ALL	464800	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-04
306	ALL	464850	3673400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
307	ALL	464900	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
308	ALL	465200	3673400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-04
309	ALL	463850	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-03
310	ALL	463900	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.75E-04
311	ALL	463950	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.98E-04
312	ALL	464000	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
313	ALL	464050	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.29E-04
314	ALL	464100	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.54E-04
315	ALL	464150	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.92E-04
316	ALL	464200	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.47E-04
317	ALL	464250	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.19E-04
318	ALL	464300	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-04
319	ALL	464350	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-04
320	ALL	464400	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-04
321	ALL	464450	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E-04
322	ALL	464500	3673450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
323	ALL	464550	3673450	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	0.00E+00	4.95E-04
324	ALL	464600	3673450	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	0.00E+00	4.95E-04
325	ALL	464650	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
326	ALL	464700	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.03E-04
327	ALL	464750	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.00E-04
328	ALL	464800	3673450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.93E-04
329	ALL	464850	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.82E-04
330	ALL	464950	3673450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.65E-04
331	ALL	465000	3673450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E-04
332	ALL	463800	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
333	ALL	463850	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.35E-03
334	ALL	463900	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
335	ALL	463950	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03
336	ALL	464000	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
337	ALL	464050	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.53E-04
338	ALL	464100	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-04
339	ALL	464150	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.62E-04
340	ALL	464200	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.04E-04
341	ALL	464250	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.68E-04
342	ALL	464300	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E-04
343	ALL	464350	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.33E-04
344	ALL	464400	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.35E-04
345	ALL	464450	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-04
346	ALL	464500	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.47E-04
347	ALL	464550	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-04
348	ALL	464600	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
349	ALL	464650	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.51E-04
350	ALL	464700	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.42E-04
351	ALL	464750	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.32E-04
352	ALL	464800	3673500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
353	ALL	465000	3673500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.29E-04
354	ALL	465050	3673500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-04
355	ALL	463750	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
356	ALL	463800	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
357	ALL	463850	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-03
358	ALL	463900	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.75E-03
359	ALL	463950	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
360	ALL	464000	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-03
361	ALL	464050	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03
362	ALL	464100	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-03
363	ALL	464150	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
364	ALL	464200	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.43E-04
365	ALL	464250	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-04
366	ALL	464300	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.66E-04
367	ALL	464350	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
368	ALL	464400	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
369	ALL	464450	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.83E-04
370	ALL	464500	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.87E-04
371	ALL	464550	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.82E-04
372	ALL	464600	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-04
373	ALL	464650	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-04
374	ALL	464700	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.27E-04
375	ALL	464750	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-04
376	ALL	464800	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-04
377	ALL	464850	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-04
378	ALL	464900	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.71E-04
379	ALL	464950	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.44E-04
380	ALL	465000	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.11E-04
381	ALL	465050	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
382	ALL	465100	3673550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-04
383	ALL	463650	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-03
384	ALL	463700	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
385	ALL	463750	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
386	ALL	463800	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-03
387	ALL	463850	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
388	ALL	463900	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.43E-03
389	ALL	463950	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03
390	ALL	464000	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.14E-03
391	ALL	464050	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
392	ALL	464100	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.63E-03
393	ALL	464150	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.45E-03
394	ALL	464200	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-03
395	ALL	464250	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
396	ALL	464300	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.24E-03
397	ALL	464350	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
398	ALL	464400	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
399	ALL	464450	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-03
400	ALL	464500	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-03
401	ALL	464550	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-03
402	ALL	464600	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-03

403	ALL	464650	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-03
404	ALL	464700	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
405	ALL	464750	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.80E-04
406	ALL	464800	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-04
407	ALL	464850	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.40E-04
408	ALL	464900	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.91E-04
409	ALL	464950	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.46E-04
410	ALL	465000	3673600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-04
411	ALL	463600	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.54E-03
412	ALL	463650	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
413	ALL	463700	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-03
414	ALL	463750	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-03
415	ALL	463800	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-03
416	ALL	463850	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.34E-03
417	ALL	463900	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.55E-03
418	ALL	463950	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-03
419	ALL	464000	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-03
420	ALL	464050	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
421	ALL	464100	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-03
422	ALL	464150	3673650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
423	ALL	464200	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.02E-03
424	ALL	464250	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
425	ALL	464300	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-03
426	ALL	464350	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
427	ALL	464400	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
428	ALL	464450	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
429	ALL	464500	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
430	ALL	464550	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-03
431	ALL	464600	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.59E-03
432	ALL	464650	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.46E-03
433	ALL	464700	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-03
434	ALL	464750	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
435	ALL	464800	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.08E-03
436	ALL	464850	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.95E-04	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-04
437	ALL	464900	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.28E-04
438	ALL	464950	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04
439	ALL	465200	3673650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04
440	ALL	463600	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.50E-03
441	ALL	463650	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-03
442	ALL	463700	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-03
443	ALL	463750	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-03
444	ALL	463800	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-03
445	ALL	463950	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-03
446	ALL	464000	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-03
447	ALL	464050	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.22E-03
448	ALL	464100	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-03
449	ALL	464150	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.83E-03
450	ALL	464200	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-03
451	ALL	464250	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-03
452	ALL	464300	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-03
453	ALL	464350	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-03
454	ALL	464400	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.14E-03
455	ALL	464450	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.89E-03
456	ALL	464500	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-03
457	ALL	464550	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.36E-03
458	ALL	464600	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03
459	ALL	464650	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-03
460	ALL	464700	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-03
461	ALL	464750	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.43E-03
462	ALL	464800	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-03
463	ALL	464850	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.17E-03
464	ALL	465200	3673700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.76E-04
465	ALL	463650	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.74E-03
466	ALL	463700	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
467	ALL	463750	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-03
468	ALL	463800	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-03
469	ALL	463900	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-03
470	ALL	463950	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-02
471	ALL	464000	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-02	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-02
472	ALL	464050	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-02
473	ALL	464100	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-03
474	ALL	464150	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.59E-03
475	ALL	464200	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-03
476	ALL	464250	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-03
477	ALL	464300	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.70E-03
478	ALL	464350	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.89E-03
479	ALL	464400	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.07E-03
480	ALL	464450	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.30E-03
481	ALL	464500	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.67E-03
482	ALL	464550	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-03
483	ALL	464600	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.65E-03
484	ALL	464650	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.25E-03
485	ALL	464700	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
486	ALL	464750	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-03
487	ALL	465150	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.93E-04
488	ALL	465200	3673750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.33E-04
489	ALL	463750	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-03
490	ALL	463800	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-03
491	ALL	463900	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-03
492	ALL	463950	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-02
493	ALL	464000	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-02
494	ALL	464050	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-02
495	ALL	464100	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-02
496	ALL	464150	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-02
497	ALL	464200	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-02
498	ALL	464300	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E-02
499	ALL	464350	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-02
500	ALL	464400	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.79E-03
501	ALL	464450	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-03
502	ALL	464500	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.86E-03
503	ALL	464550	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.95E-03

504	ALL	465100	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-04
505	ALL	465150	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-04
506	ALL	465200	3673800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-04
507	ALL	463900	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.36E-03
508	ALL	463950	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-02
509	ALL	464000	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.69E-02
510	ALL	464200	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.44E-02
511	ALL	464750	3673850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.23E-03
512	ALL	464800	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
513	ALL	465100	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.92E-04
514	ALL	465150	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-04
515	ALL	465200	3673850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04
516	ALL	463950	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.23E-02
517	ALL	464000	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-02
518	ALL	464200	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-01
519	ALL	464650	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-03
520	ALL	464700	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-03
521	ALL	464750	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-03
522	ALL	465100	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
523	ALL	465150	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.46E-04
524	ALL	465200	3673900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-04
525	ALL	463500	3673950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.41E-04
526	ALL	464000	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.80E-02
527	ALL	464200	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-01
528	ALL	464550	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03
529	ALL	464600	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-03
530	ALL	464650	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.52E-03
531	ALL	464700	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.94E-03
532	ALL	465100	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-03
533	ALL	465150	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.68E-04
534	ALL	465200	3673950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.86E-04
535	ALL	463450	3674000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
536	ALL	463500	3674000	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
537	ALL	463550	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
538	ALL	463600	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-04
539	ALL	464050	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-02
540	ALL	464100	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-02
541	ALL	464150	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-02
542	ALL	464200	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.86E-02
543	ALL	464550	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.02E-03
544	ALL	464600	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-03
545	ALL	464650	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E-03
546	ALL	465100	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-03
547	ALL	465150	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-04
548	ALL	465200	3674000	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.88E-04
549	ALL	463400	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-04
550	ALL	463450	3674050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.95E-04
551	ALL	463500	3674050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
552	ALL	463550	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
553	ALL	463600	3674050	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.66E-04
554	ALL	463650	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.64E-04
555	ALL	464150	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.67E-02
556	ALL	464500	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.33E-03
557	ALL	464550	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-03
558	ALL	464600	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.70E-03
559	ALL	465100	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.05E-03
560	ALL	465150	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.56E-04
561	ALL	465200	3674050	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-04
562	ALL	463400	3674100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-04
563	ALL	463550	3674100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
564	ALL	463600	3674100	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-04
565	ALL	463650	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
566	ALL	463700	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.12E-04
567	ALL	464500	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-03
568	ALL	464550	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.59E-03
569	ALL	465100	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.02E-03
570	ALL	465150	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-04
571	ALL	465200	3674100	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.53E-04
572	ALL	463350	3674150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-04
573	ALL	463500	3674150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-04
574	ALL	463550	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.26E-04
575	ALL	463600	3674150	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-04
576	ALL	463700	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.46E-04
577	ALL	464500	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-03
578	ALL	464550	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-03
579	ALL	465100	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.91E-04
580	ALL	465150	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.02E-04
581	ALL	465200	3674150	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.33E-04
582	ALL	463300	3674200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
583	ALL	463450	3674200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04
584	ALL	463500	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-04
585	ALL	463550	3674200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
586	ALL	463600	3674200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
587	ALL	463650	3674200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
588	ALL	463700	3674200	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
589	ALL	464450	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-03
590	ALL	464500	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.30E-03
591	ALL	465200	3674200	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
592	ALL	463300	3674250	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
593	ALL	463400	3674250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-04
594	ALL	463450	3674250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
595	ALL	463500	3674250	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
596	ALL	463550	3674250	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.80E-04
597	ALL	465100	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04
598	ALL	465150	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-04
599	ALL	465200	3674250	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.61E-04
600	ALL	463350	3674300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-04
601	ALL	463400	3674300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
602	ALL	463450	3674300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
603	ALL	463500	3674300	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	0.00E+00	0.00E+00	0.00E+00	2.33E-04
604	ALL	463550	3674300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04

605	ALL	463700	3674300	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.01E-04
606	ALL	463800	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.51E-04
607	ALL	463850	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.59E-04
608	ALL	463900	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.02E-04
609	ALL	463950	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.85E-04
610	ALL	464000	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-03
611	ALL	465150	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-04
612	ALL	465200	3674300	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.13E-04
613	ALL	463300	3674350	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
614	ALL	463350	3674350	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
615	ALL	463400	3674350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
616	ALL	463450	3674350	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
617	ALL	463500	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-04
618	ALL	463550	3674350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
619	ALL	463600	3674350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
620	ALL	463650	3674350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-04
621	ALL	463700	3674350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.64E-04
622	ALL	463750	3674350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.18E-04
623	ALL	463800	3674350	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.85E-04
624	ALL	463850	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.72E-04
625	ALL	463900	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.82E-04
626	ALL	465050	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-04
627	ALL	465100	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04
628	ALL	465150	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.87E-04
629	ALL	465200	3674350	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.58E-04
630	ALL	463300	3674400	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
631	ALL	463350	3674400	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
632	ALL	463400	3674400	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
633	ALL	463450	3674400	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
634	ALL	463500	3674400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-04
635	ALL	463550	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-04
636	ALL	463600	3674400	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
637	ALL	463700	3674400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-04
638	ALL	463750	3674400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.72E-04
639	ALL	463800	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.28E-04
640	ALL	463850	3674400	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.98E-04
641	ALL	463900	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-04
642	ALL	463950	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.77E-04
643	ALL	464150	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-03
644	ALL	465050	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.60E-04
645	ALL	465100	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-04
646	ALL	465150	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.19E-04
647	ALL	465200	3674400	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
648	ALL	463250	3674450	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
649	ALL	463300	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
650	ALL	463350	3674450	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
651	ALL	463400	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-04
652	ALL	463450	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-04
653	ALL	463500	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-04
654	ALL	463550	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-04
655	ALL	463600	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
656	ALL	463750	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04
657	ALL	463800	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-04
658	ALL	463850	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
659	ALL	463900	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.01E-04
660	ALL	463950	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-04
661	ALL	464100	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.95E-04
662	ALL	464150	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.50E-04
663	ALL	464200	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.72E-04
664	ALL	465050	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.80E-04
665	ALL	465100	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
666	ALL	465150	3674450	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04
667	ALL	465200	3674450	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.39E-04
668	ALL	463200	3674500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-04
669	ALL	463250	3674500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
670	ALL	463300	3674500	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
671	ALL	463350	3674500	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
672	ALL	463400	3674500	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
673	ALL	463450	3674500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-04
674	ALL	463500	3674500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.84E-04
675	ALL	463550	3674500	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
676	ALL	463800	3674500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.39E-04
677	ALL	463850	3674500	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	0.00E+00	0.00E+00	3.87E-04
678	ALL	463900	3674500	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.36E-04
679	ALL	464100	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-04
680	ALL	464150	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-04
681	ALL	464200	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-04
682	ALL	464250	3674500	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.16E-04
683	ALL	463000	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.13E-05
684	ALL	463050	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.64E-05
685	ALL	463100	3674550	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
686	ALL	463200	3674550	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
687	ALL	463250	3674550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
688	ALL	463300	3674550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
689	ALL	463350	3674550	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
690	ALL	463400	3674550	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
691	ALL	463450	3674550	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
692	ALL	463500	3674550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-04
693	ALL	463550	3674550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.88E-04
694	ALL	463600	3674550	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
695	ALL	463900	3674550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.85E-04
696	ALL	464050	3674550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.21E-04
697	ALL	464100	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.66E-04
698	ALL	464150	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.98E-04
699	ALL	464200	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.01E-04
700	ALL	464250	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.97E-04
701	ALL	464300	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.99E-04
702	ALL	464950	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.92E-04
703	ALL	465000	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.76E-04
704	ALL	465050	3674550	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.55E-04
705	ALL	465100	3674550	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.49E-04

706	ALL	463000	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.90E-05
707	ALL	463050	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-05
708	ALL	463200	3674600	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
709	ALL	463250	3674600	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
710	ALL	463300	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
711	ALL	463350	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-04
712	ALL	463400	3674600	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
713	ALL	463450	3674600	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
714	ALL	463500	3674600	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
715	ALL	463550	3674600	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
716	ALL	463600	3674600	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
717	ALL	464050	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-04
718	ALL	464100	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.89E-04
719	ALL	464150	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-04
720	ALL	464200	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.14E-04
721	ALL	464250	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
722	ALL	464300	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.09E-04
723	ALL	464350	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.17E-04
724	ALL	464900	3674600	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.37E-04
725	ALL	464950	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.29E-04
726	ALL	465000	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.11E-04
727	ALL	465050	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
728	ALL	465100	3674600	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
729	ALL	463000	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-05
730	ALL	463050	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.20E-05
731	ALL	463100	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-05
732	ALL	463200	3674650	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
733	ALL	463250	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
734	ALL	463300	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-04
735	ALL	463350	3674650	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
736	ALL	463400	3674650	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
737	ALL	463450	3674650	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
738	ALL	463500	3674650	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
739	ALL	463550	3674650	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
740	ALL	463600	3674650	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
741	ALL	464000	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.58E-04
742	ALL	464050	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.94E-04
743	ALL	464100	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.25E-04
744	ALL	464150	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.44E-04
745	ALL	464200	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.46E-04
746	ALL	464250	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.42E-04
747	ALL	464300	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.39E-04
748	ALL	464350	3674650	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.45E-04
749	ALL	464900	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
750	ALL	464950	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.78E-04
751	ALL	465000	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-04
752	ALL	465050	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-04
753	ALL	465100	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.46E-04
754	ALL	465200	3674650	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-04
755	ALL	463000	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-05
756	ALL	463050	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.01E-05
757	ALL	463100	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-05
758	ALL	463200	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-05
759	ALL	463250	3674700	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
760	ALL	463300	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
761	ALL	463350	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.19E-04
762	ALL	463400	3674700	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
763	ALL	463450	3674700	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
764	ALL	463500	3674700	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
765	ALL	463550	3674700	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
766	ALL	463600	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.62E-04
767	ALL	464050	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.48E-04
768	ALL	464100	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.74E-04
769	ALL	464150	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.88E-04
770	ALL	464200	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-04
771	ALL	464250	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.89E-04
772	ALL	464300	3674700	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
773	ALL	464350	3674700	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
774	ALL	464950	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-04
775	ALL	465000	3674700	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.30E-04
776	ALL	465050	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-04
777	ALL	465100	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-04
778	ALL	465150	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
779	ALL	465200	3674700	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.03E-04
780	ALL	463000	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-05
781	ALL	463050	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-05
782	ALL	463100	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-05
783	ALL	463200	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-05
784	ALL	463250	3674750	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
785	ALL	463300	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.07E-04
786	ALL	463350	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
787	ALL	463400	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
788	ALL	463450	3674750	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
789	ALL	463500	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.34E-04
790	ALL	463550	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-04
791	ALL	463600	3674750	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
792	ALL	464100	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-04
793	ALL	464150	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.43E-04
794	ALL	464200	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
795	ALL	464250	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
796	ALL	464300	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
797	ALL	464350	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E-04
798	ALL	465000	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.01E-04
799	ALL	465050	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.92E-04
800	ALL	465100	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.84E-04
801	ALL	465150	3674750	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
802	ALL	465200	3674750	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-04
803	ALL	463000	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-05
804	ALL	463050	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.65E-05
805	ALL	463100	3674800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-05
806	ALL	463150	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.54E-05

807	ALL	463200	3674800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-05
808	ALL	463250	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.63E-05
809	ALL	463300	3674800	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
810	ALL	463350	3674800	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
811	ALL	463400	3674800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.14E-04
812	ALL	463450	3674800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-04
813	ALL	463500	3674800	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
814	ALL	463550	3674800	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
815	ALL	464150	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.05E-04
816	ALL	464200	3674800	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
817	ALL	464250	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-04
818	ALL	464400	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.40E-04
819	ALL	464450	3674800	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-04
820	ALL	464500	3674800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.56E-04
821	ALL	465100	3674800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E-04
822	ALL	465150	3674800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.55E-04
823	ALL	465200	3674800	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.51E-04
824	ALL	463000	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.10E-05
825	ALL	463050	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.48E-05
826	ALL	463100	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.87E-05
827	ALL	463150	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-05
828	ALL	463200	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.76E-05
829	ALL	463250	3674850	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.26E-05
830	ALL	463300	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.87E-05
831	ALL	463350	3674850	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
832	ALL	463400	3674850	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
833	ALL	463450	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.13E-04
834	ALL	463500	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
835	ALL	463550	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-04
836	ALL	464200	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-04
837	ALL	464250	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.90E-04
838	ALL	464300	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-04
839	ALL	464350	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
840	ALL	464400	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-04
841	ALL	464450	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.09E-04
842	ALL	464500	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-04
843	ALL	465150	3674850	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.40E-04
844	ALL	465200	3674850	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	0.00E+00	0.00E+00	0.00E+00	2.33E-04
845	ALL	463000	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.98E-05
846	ALL	463050	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-05
847	ALL	463100	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-05
848	ALL	463150	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.07E-05
849	ALL	463200	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-05
850	ALL	463250	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.89E-05
851	ALL	463300	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.42E-05
852	ALL	463350	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.82E-05
853	ALL	463400	3674900	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
854	ALL	463450	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.06E-04
855	ALL	463500	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
856	ALL	463550	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04
857	ALL	464300	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-04
858	ALL	464350	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-04
859	ALL	464400	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-04
860	ALL	464450	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
861	ALL	464500	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.73E-04
862	ALL	464550	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.78E-04
863	ALL	464600	3674900	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-04
864	ALL	464650	3674900	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.00E-04
865	ALL	463000	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-05
866	ALL	463050	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.18E-05
867	ALL	463100	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.50E-05
868	ALL	463150	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-05
869	ALL	463200	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-05
870	ALL	463250	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.55E-05
871	ALL	463300	3674950	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
872	ALL	463350	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.33E-05
873	ALL	463400	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-05
874	ALL	463450	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-04
875	ALL	463500	3674950	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
876	ALL	463550	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-04
877	ALL	464100	3674950	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
878	ALL	464150	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-04
879	ALL	464400	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.50E-04
880	ALL	464450	3674950	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-04
881	ALL	464500	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.41E-04
882	ALL	464550	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-04
883	ALL	464600	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.56E-04
884	ALL	464650	3674950	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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.58E-04

nmitChronicHRAInput.hra

*HARP - HRACalc v19044 10/22/2019 2:52:26 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR 2019.04\HRA\HARP2\AltaOceansideRoadLocHRAMit\hra\AltaOceansic

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		464037.5	3673838	8.92E-06	30YrCance	8.92E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		464062.5	3673838	8.52E-06	30YrCance	8.52E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		464037.5	3673863	8.58E-06	30YrCance	8.58E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		464062.5	3673863	8.23E-06	30YrCance	8.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		464087.5	3673863	7.94E-06	30YrCance	7.94E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		464112.5	3673863	7.69E-06	30YrCance	7.69E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		464137.5	3673863	7.46E-06	30YrCance	7.46E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		464162.5	3673863	7.36E-06	30YrCance	7.36E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		464037.5	3673888	8.23E-06	30YrCance	8.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		464062.5	3673888	7.95E-06	30YrCance	7.95E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		464087.5	3673888	7.74E-06	30YrCance	7.74E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		464112.5	3673888	7.51E-06	30YrCance	7.51E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		464137.5	3673888	7.35E-06	30YrCance	7.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		464162.5	3673888	7.33E-06	30YrCance	7.33E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		464037.5	3673913	7.90E-06	30YrCance	7.90E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		464062.5	3673913	7.70E-06	30YrCance	7.70E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		464087.5	3673913	7.48E-06	30YrCance	7.48E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		464112.5	3673913	7.35E-06	30YrCance	7.35E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		464137.5	3673913	7.25E-06	30YrCance	7.25E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		464162.5	3673913	7.27E-06	30YrCance	7.27E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		464037.5	3673938	7.79E-06	30YrCance	7.79E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		464062.5	3673938	7.50E-06	30YrCance	7.50E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL		464087.5	3673938	7.37E-06	30YrCance	7.37E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		464112.5	3673938	7.26E-06	30YrCance	7.26E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		464137.5	3673938	7.13E-06	30YrCance	7.13E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		464162.5	3673938	7.22E-06	30YrCance	7.22E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

leRoadLoc30yrCancerMitHRAInput.hra

*HARP - HRACalc v19044 10/22/2019 2:54:41 PM - Cancer Risk - Input File: C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR 2019.04\HRA\HARP2\AltaOceansideRoadLocUnmit\hra\AltaOceanside

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_F	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_F	EGG_RISK
1	ALL		464037.5	3673838	4.11E-05	30YrCance	4.11E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
2	ALL		464062.5	3673838	3.93E-05	30YrCance	3.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	ALL		464037.5	3673863	3.95E-05	30YrCance	3.95E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
4	ALL		464062.5	3673863	3.79E-05	30YrCance	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL		464087.5	3673863	3.66E-05	30YrCance	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6	ALL		464112.5	3673863	3.54E-05	30YrCance	3.54E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
7	ALL		464137.5	3673863	3.44E-05	30YrCance	3.44E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
8	ALL		464162.5	3673863	3.39E-05	30YrCance	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
9	ALL		464037.5	3673888	3.79E-05	30YrCance	3.79E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
10	ALL		464062.5	3673888	3.66E-05	30YrCance	3.66E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
11	ALL		464087.5	3673888	3.57E-05	30YrCance	3.57E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
12	ALL		464112.5	3673888	3.46E-05	30YrCance	3.46E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
13	ALL		464137.5	3673888	3.39E-05	30YrCance	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
14	ALL		464162.5	3673888	3.38E-05	30YrCance	3.38E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
15	ALL		464037.5	3673913	3.64E-05	30YrCance	3.64E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL		464062.5	3673913	3.55E-05	30YrCance	3.55E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL		464087.5	3673913	3.45E-05	30YrCance	3.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
18	ALL		464112.5	3673913	3.39E-05	30YrCance	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
19	ALL		464137.5	3673913	3.34E-05	30YrCance	3.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL		464162.5	3673913	3.35E-05	30YrCance	3.35E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL		464037.5	3673938	3.59E-05	30YrCance	3.59E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL		464062.5	3673938	3.46E-05	30YrCance	3.46E-05	0.00E+00	0.00E+00	0.00E+00	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		464087.5	3673938	3.39E-05	30YrCance	3.39E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL		464112.5	3673938	3.34E-05	30YrCance	3.34E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL		464137.5	3673938	3.29E-05	30YrCance	3.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL		464162.5	3673938	3.33E-05	30YrCance	3.33E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

RoadLoc30yrCancerUnmitHRAInput.hra

*HARP - HRACalc v19044 10/22/2019 2:39:51 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR 2019.04\HRA\HARP2\AltaOceansideRoadLocHRAMit\hra\AltaOceansideRoadLocChronicMitHRAInp

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		464037.5	3673838	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E-03
2	ALL		464062.5	3673838	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.27E-03
3	ALL		464037.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.29E-03
4	ALL		464062.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
5	ALL		464087.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
6	ALL		464112.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.03E-03
7	ALL		464137.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.96E-03
8	ALL		464162.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-03
9	ALL		464037.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.19E-03
10	ALL		464062.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-03
11	ALL		464087.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.05E-03
12	ALL		464112.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
13	ALL		464137.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
14	ALL		464162.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.91E-03
15	ALL		464037.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-03
16	ALL		464062.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-03
17	ALL		464087.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-03
18	ALL		464112.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-03
19	ALL		464137.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
20	ALL		464162.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-03
21	ALL		464037.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-03
22	ALL		464062.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.98E-03
23	ALL		464087.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.94E-03
24	ALL		464112.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-03
25	ALL		464137.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-03
26	ALL		464162.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.87E-03

out.hra

*HARP - HRACalc v19044 10/22/2019 2:54:52 PM - Chronic Risk - Input File: C:\Users\swang\Documents\1. Projects\11488 Alta Oceanside EIR 2019.04\HRA\HARP2\AltaOceansideRoadLocUnmit\hra\AltaOceansideRoadLocChronicUnmitHRAIr

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE\	RESP	SKIN	EYE	BONE/TEET	ENDO	BLOOD	ODOR	GENERAL	MAXHI
1	ALL		464037.5	3673838	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-03
2	ALL		464062.5	3673838	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E-03
3	ALL		464037.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.14E-03
4	ALL		464062.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-03
5	ALL		464087.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.46E-03
6	ALL		464112.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.19E-03
7	ALL		464137.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-03
8	ALL		464162.5	3673863	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03
9	ALL		464037.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.77E-03
10	ALL		464062.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.47E-03
11	ALL		464087.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.24E-03
12	ALL		464112.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.00E-03
13	ALL		464137.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-03
14	ALL		464162.5	3673888	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.81E-03
15	ALL		464037.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-03
16	ALL		464062.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-03
17	ALL		464087.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.97E-03
18	ALL		464112.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.83E-03
19	ALL		464137.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.72E-03
20	ALL		464162.5	3673913	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.74E-03
21	ALL		464037.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-03
22	ALL		464062.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-03
23	ALL		464087.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.85E-03
24	ALL		464112.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.73E-03
25	ALL		464137.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.60E-03
26	ALL		464162.5	3673938	NonCancer	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.70E-03