APPENDIX B

B-1: Air Quality and Greenhouse Gas Emissions Analysis Technical Report

B-2: CalEEMod Outputs

B-3: Health Risk Assessment

Air Quality and Greenhouse Gas Emissions Analysis Technical Report for the Palm Villas Saratoga Project City of Saratoga, 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
amsl	above mean sea level
BAAQMD	
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
CARB	California Air Resources Board
CEC	California Energy Commission
CEQA	California Environmental Quality Act
CH_4	methane
CNRA	California Natural Resources Agency
CO	carbon monoxide
CO_2	carbon dioxide
CO_2e	carbon dioxide equivalent
CPUC	California Public Utilities Commission
CY	cubic yard
DPM	diesel particulate matter
EO	Executive Order
EPA	U.S. Environmental Protection Agency
GHG	greenhouse gas
GWP	global warming potential
HAP	hazardous air pollutant
HFC	hydrofluorocarbon
HRA	health risk assessment
LCFS	Low Carbon Fuel Standard
LOS	level of service
LST	localized significance thresholds
mph	miles per hour
MPO	metropolitan planning organization
MMT	million metric ton
MT	metric ton
N_2O	nitrous oxide
NAAQS	National Ambient Air Quality Standards
NF_3	nitrogen trifluoride
NHTSA	National Highway Traffic Safety Administration

Acronym/Abbreviation	Definition
NO	nitric oxide
NO_2	nitrogen dioxide
NO_x	oxides of nitrogen
O_3	ozone
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
ROG	
RPS	Renewables Portfolio Standard
RTP	regional transportation plan
SB	Senate Bill
SCS	sustainable communities strategy
SFBAAB	
SF_6	sulfur hexafluoride
SO_2	sulfur dioxide
SO_x	sulfur oxides
SRA	source-receptor area
TAC	toxic air contaminant
TIS	traffic impact study
VOC	volatile organic compound
ZNE	zero net energy
ZEV	Zero-Emissions Vehicle

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 Palm Villas Saratoga Project (project) located within the City of Saratoga (City). This assessment uses the significance thresholds in Appendix G of the California Environmental Quality Act (CEQA) Guidelines (14 CCR 15000 et seq.). Construction and operational criteria air pollutant and GHG emissions were estimated using the California Emissions Estimator Model Version 2016.3.2.

Project Overview

The project site is located in the City of Saratoga (City or Saratoga), in the western portion of Santa Clara County. The project would consist of the construction and operation of a Residential Care Facility for the Elderly (RCFE), consisting of two buildings on two adjacent lots. The two buildings have been designed to function as a single complex. One building would be for individuals with mild stage Alzheimer's/Dementia and the second for individuals with advanced stage Alzheimer's/Dementia. The project (including both buildings), would include a combined total of 79 beds, related support functions (such as food service, pharmacy, laundry, administration, etc.), 38 parking spaces, landscaping (including removal of some trees), utility connections, and an extension of Saratoga Creek Drive.

The project site is located within the San Francisco Bay Area Air Basin (SFBAAB) and is under the jurisdiction of the Bay Area Air Quality Management District (BAAQMD).

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 BAAQMD mass daily criteria air pollutant thresholds of significance (BAAQMD 2017a). 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 that are evaluated include reactive organic gases (ROG) (also referred to as volatile organic compounds), oxides of nitrogen (NO_x), CO, sulfur oxides (SO_x), PM_{10}, and $PM_{2.5}$. ROG and NO_x are important because they are precursors to O_3.

Air Quality Plan Consistency

The BAAQMD *CEQA Air Quality Guidelines* (BAAQMD 2017a) identify a three-step methodology for determining a project's consistency with the current Clean Air Plan, which is the *Spare the Air: Cool The Climate Final 2017 Clean Air Plan* (BAAQMD 2017b). If the responses to these three questions can be concluded in the affirmative and those conclusions are supported by substantial evidence, then the BAAQMD considers the project to be consistent with air quality plans prepared for the Bay Area. The three questions are:

1. Does the project support the goals of the Air Quality Plan?
2. Does the project include applicable control measures from the Clean Air Plan?
3. Does the project disrupt or hinder implementation of any control measures from the Clean Air Plan?

The responses to all three of the questions for the project with regard to Clean Air Plan consistency are affirmative and the project would not conflict with or obstruct implementation of the Clean Air Plan.

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 ROG off-gassing) and off-site sources (i.e., on-road haul trucks, vendor trucks, and worker vehicle trips). Estimated average daily construction emissions would not exceed the BAAQMD significance thresholds during construction.

Operational Criteria Air Pollutant Emissions

Year 2022 was assumed as the first full year of project operations after completion of construction. Operation of the project would generate operational criteria air pollutants from area sources (consumer product use, architectural coatings, and landscape maintenance equipment), energy (natural gas), mobile sources (vehicles), and stationary sources (routine maintenance and testing of the two natural gas emergency generators). Estimated maximum daily operational emissions would not exceed the BAAQMD operational significance thresholds.

Exposure of Sensitive Receptors

Construction and operational activities associated with the project would not generate criteria air pollutant emissions in excess of the BAAQMD significance thresholds. Furthermore, the project

would comply with the BAAQMD screening criteria for CO hotspots. Therefore, project construction and operations would result in less-than-significant health effects associated with criteria air pollutants.

Impacts related to cancer risk from unmitigated diesel particulate matter (DPM) emissions, which is a toxic air contaminant (TAC), would exceed the BAAQMD's cancer risk threshold at the nearest residential receptor during construction activities. With implementation of Mitigation Measure AQ-1, DPM emissions and the associated construction health risk impacts would be reduced to less than significant. In regards to long-term operations, the project would result in TAC emissions associated with the routine maintenance and testing of the two natural gas emergency generators. However, potential health risk impacts (cancer risk and chronic and acute hazard indices) would be less than significant without mitigation.

Odors

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 would not include land uses with sources that have the potential to generate substantial odors and impacts associated with odors during operation would be less than significant.

Greenhouse Gas Emissions

Global climate change is primarily considered a cumulative impact, but must also be evaluated on a project-level under CEQA. A project participates in this potential impact through its incremental contribution combined with the cumulative increase of all other sources of GHG emissions. GHGs are gases that absorb infrared radiation in the atmosphere. Principal GHGs regulated under state and federal law and regulations include 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.

Project-Generated Construction and Operational Greenhouse Gas Emissions

The threshold applied to assess the potential for the project to generate GHG emissions either directly or indirectly that may have a significant impact on the environment was the BAAQMD threshold of 1,100 MT CO_2e per year. Since BAAQMD does not have a threshold for short-term construction GHG emissions, construction emissions were amortized over a 30-year project

lifetime and then summed with the long-term operational emissions for comparison to the BAAQMD operational threshold.

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. Total project-generated GHG emissions during construction were estimated to be 334 MT CO_2e over the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 11 MT CO_2e per year.

The project would generate operational GHG emissions from area sources (landscape maintenance), energy sources (natural gas and electricity), mobile sources, stationary sources (routine maintenance and testing of the two natural gas emergency generators), solid waste, and water supply and wastewater treatment. Estimated annual project-generated GHG emissions would be approximately 491 MT CO_2e per year as a result of project operations only. After adding the amortized project construction emissions, total GHGs generated by the project would be approximately 502 MT CO_2e per year. As such, annual operational GHG emissions with amortized construction emissions would not exceed the BAAQMD threshold of 1,100 MT CO_2e per year. Therefore, the project's GHG contribution would be less than significant and would not be cumulatively considerable.

Consistency with Applicable Greenhouse Gas Reduction Plans

The City currently does not have an adopted Climate Action Plan or similar GHG emissions reduction plan that would be applicable to the project. As such, at this time, no mandatory GHG plans, policies, or regulations or finalized agency guidelines would apply to implementation of the project. Nonetheless, the project would comply with the overarching intent of the *Plan Bay Area 2040* (MTC and ABAG 2017) by avoiding sprawling developing and by helping the City support its aging population by adding a diversity of local services so that local residents can remain in the community as they age. In addition, to the extent these regulations are applicable to the project, its inhabitants, or uses, the project would comply with all applicable regulations adopted in furtherance of the Climate Change Scoping Plan and updates (CARB 2008, 2014, 2017a), as well as other GHG reduction regulations, to the extent required by law. As such, the project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs and no mitigation is required. This impact 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 Palm Villas Saratoga 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 Bay Area Air Quality Management District (BAAQMD).

This introductory section provides a description of the project. Chapter 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. Chapter 3, Greenhouse Gas Emissions, follows the same format as Chapter 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. Chapter 4, References Cited, includes a list of the sources cited in this technical report, and Chapter 5, List of Preparers, includes a list of those who prepared this technical report.

1.3 Project Description

The project site is located in the City of Saratoga (City or Saratoga), in the western portion of Santa Clara County (County). The project would consist of the construction and operation of a Residential Care Facility for the Elderly (RCFE), consisting of two buildings on two adjacent lots. The two buildings have been designed to function as a single complex. One building would be for individuals with mild stage Alzheimer's/Dementia and the second for individuals with advanced stage Alzheimer's/Dementia. The project (including both buildings), would include a combined total of 79 beds, related support functions, 38 parking spaces, landscaping, utility connections, and an extension of Saratoga Creek Drive. The General Plan land use map designation for the project site is Professional Administrative (PA); the City's zoning map designates the site "Professional and Administrative (PA)". The Professional and Administrative zoning district permits uses such as professional, administrative, and medical offices, financial institutions, accessory structures, and parking lots. Conditional uses allowable in this district extend to community facilities, institutional facilities, police and fire stations, nursing homes and day care facilities among similar uses. Professional and administrative office buildings are located immediately to the north and east of the project site, and south of Cox Avenue. The area

north of Cox Avenue is zoned Single Family Residential, R-1-10,000. Single-family residential uses are located to the west, across Saratoga Creek. Vacant parcels zoned for Professional and Administrative office uses bound the subject property to the south; the property south of the vacant properties is zoned -Multi Family Residential R-M 4,000.

2 AIR QUALITY

2.1 Environmental Setting

2.1.1 Meteorological and Topographical Conditions

The project site is located within the boundaries of the San Francisco Bay Area Air Basin (SFBAAB). The SFBAAB encompasses all of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, and Santa Clara Counties, and the southern portions of Solano and Sonoma Counties.

Air pollutants are emitted by a variety of sources, including mobile sources (vehicles), area sources (hearths, consumer product use, architectural coatings, and landscape maintenance equipment), energy sources (natural gas), and stationary sources (generators or other stationary equipment). Some air pollutants need to be examined at the local level, and others are predominately an issue at the regional level. For instance, ozone (O_3) is formed in the atmosphere in the presence of sunlight by a series of chemical reactions involving oxides of nitrogen (NO_x) and reactive organic gas (ROG) (also termed volatile organic compounds (VOCs)). Because these reactions are broad-scale in effects, O_3 is typically analyzed at the regional level (i.e., in the SFBAAB) rather than the local level. On the other hand, air pollutants such as coarse particulate matter (PM_{10}), fine particulate matter ($PM_{2.5}$), carbon monoxide (CO), and toxic air contaminants (TACs) are a potential concern in the immediate vicinity of the pollutant source because the pollutants are emitted directly by or are formed close to the source. Therefore, the study area for emissions of PM_{10}, $PM_{2.5}$, CO, and TACs is the local area near the source, such as in the vicinity of the project site, and the study area for regional pollutants such as NO_x and ROGs is the entire SFBAAB.

Regional Climatology

Air quality is a function of the rate and location of pollutant emissions under the influence of meteorological conditions and topographic features that influence pollutant movement and dispersal. Atmospheric conditions such as wind speed, wind direction, atmospheric stability, and air temperature gradients interact with the physical features of the landscape to determine the movement and dispersal of air pollutants, and consequently affect air quality.

The climate of the SFBAAB is determined largely by a high-pressure system that is usually present over the eastern Pacific Ocean off the west coast of North America. During winter, the Pacific high-pressure system shifts southward, allowing more storms to pass through the region. During summer and early fall, when few storms pass through the region, emissions generated within the Bay Area can combine with abundant sunshine under the restraining influences of

topography and subsidence inversions to create conditions that are conducive to the formation of photochemical pollutants, such as O_3, and secondary particulates, such as nitrates and sulfates.

In the SFBAAB, temperature inversions can often occur during the summer and winter months. An inversion is a layer of warmer air over a layer of cooler air that traps and concentrates pollutants near the ground. As such, the highest air pollutant concentrations in the SFBAAB generally occur during inversions (BAAQMD 2017a).

The project site is located in the Santa Clara Valley climatological subregion. Specific conditions for the subregion are described in the BAAQMD's *California Environmental Quality Act Air Quality Guidelines* (BAAQMD 2017a). The Santa Clara Valley subregion is bounded by the Bay to the north and by mountains to the east, south and west. Temperatures are warm on summer days and cool on summer nights, and winter temperatures are fairly mild. At the northern end of the valley, mean maximum temperatures are in the low-80's degrees Fahrenheit (°F) during the summer and the high-50's °F during the winter, and mean minimum temperatures range from the high-50's °F in the summer to the low-40's °F in the winter. Winds in the valley are greatly influenced by the terrain, resulting in a prevailing flow that roughly parallels the valley's northwest-southeast axis. A north-northwesterly sea breeze flows through the valley during the afternoon and early evening, and a light south-southeasterly drainage flow occurs during the late evening and early morning. In the summer the southern end of the valley sometimes becomes a "convergence zone," when air flowing from the Monterey Bay gets channeled northward into the southern end of the valley and meets with the prevailing north-northwesterly winds. Wind speeds are greatest in the spring and summer and weakest in the fall and winter. Nighttime and early morning hours frequently have calm winds in all seasons, while summer afternoons and evenings are quite breezy. Strong winds are rare, associated mostly with the occasional winter storm (BAAQMD 2017a).

The air pollution potential of the Santa Clara Valley is high. High summer temperatures, stable air and mountains surrounding the valley combine to promote ozone formation. In addition to the many local sources of pollution, O_3 precursors from San Francisco, San Mateo and Alameda Counties are carried by prevailing winds to the Santa Clara Valley. The valley tends to channel pollutants to the southeast. In addition, on summer days with low level inversions, O_3 can be recirculated by southerly drainage flows in the late evening and early morning and by the prevailing northwesterlies in the afternoon. A similar recirculation pattern occurs in the winter, affecting levels of CO and particulate matter. This movement of the air up and down the valley increases the impact of the pollutants significantly (BAAQMD 2017a).

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), CO, sulfur dioxide (SO_2), PM_{10}, $PM_{2.5}$, and lead (Pb). These pollutants, as well as TACs, are discussed in the following paragraphs.[1] 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 NO_x and ROG. 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 Earth's surface in the lower atmosphere (tropospheric O_3).[2] The O_3 that the 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 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).

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1 The descriptions of the criteria air pollutants and associated health effects are based on the U.S. Environmental Protection Agency's (EPA's) "Criteria Air Pollutants" (EPA 2018a) and the California Air Resources Board's (CARB's) "Glossary" (CARB 2019a), and CARB's "Fact Sheet: Air Pollution Sources, Effects and Control" (CARB 2009).

2 The troposphere is the layer of Earth's atmosphere nearest to the surface of Earth, extending outward approximately 5 miles at the poles and approximately 10 miles at the equator.

Inhalation of O_3 causes inflammation and irritation of the tissues lining human airways, causing and worsening a variety of symptoms. Exposure to O_3 can reduce the volume of air that the lungs breathe in and cause shortness of breath. O_3 in sufficient doses increases the permeability of lung cells, rendering them more susceptible to toxins and microorganisms. The occurrence and severity of health effects from O_3 exposure vary widely among individuals, even when the dose and the duration of exposure are the same. Research shows adults and children who spend more time outdoors participating in vigorous physical activities are at greater risk from the harmful health effects of O_3 exposure. While there are relatively few studies of O_3's effects on children, the available studies show that children are no more or less likely to suffer harmful effects than adults. However, there are a number of reasons why children may be more susceptible to O_3 and other pollutants. Children and teens spend nearly twice as much time outdoors and engaged in vigorous activities as adults. Children breathe more rapidly than adults and inhale more pollution per pound of their body weight than adults. Also, children are less likely than adults to notice their own symptoms and avoid harmful exposures. Further research may be able to better distinguish between health effects in children and adults. Children, adolescents and adults who exercise or work outdoors, where O_3 concentrations are the highest, are at the greatest risk of harm from this pollutant (CARB 2019b).

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 (NO), which is a colorless, odorless gas. NO_x, which includes NO_2 and NO, plays a major role, together with ROG, 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).

A large body of health science literature indicates that exposure to NO_2 can induce adverse health effects. The strongest health evidence, and the health basis for the ambient air quality standards (AAQS) for NO_2, results from controlled human exposure studies that show that NO_2 exposure can intensify responses to allergens in allergic asthmatics. In addition, a number of epidemiological studies have demonstrated associations between NO_2 exposure and premature death, cardiopulmonary effects, decreased lung function growth in children, respiratory symptoms, emergency room visits for asthma, and intensified allergic responses. Infants and children are particularly at risk because they have disproportionately higher exposure to NO_2 than adults due to their greater breathing rate for their body weight and their typically greater outdoor exposure duration. Several studies have shown that long-term NO_2 exposure during childhood, the period of rapid lung growth, can lead to smaller lungs at maturity in children with

higher compared to lower levels of exposure. In addition, children with asthma have a greater degree of airway responsiveness compared with adult asthmatics. In adults, the greatest risk is to people who have chronic respiratory diseases, such as asthma and chronic obstructive pulmonary disease (CARB 2019c).

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, 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.

CO is harmful because it binds to hemoglobin in the blood, reducing the ability of blood to carry oxygen. This interferes with oxygen delivery to the body's organs. The most common effects of CO exposure are fatigue, headaches, confusion and reduced mental alertness, and light-headedness, and dizziness due to inadequate oxygen delivery to the brain. For people with cardiovascular disease, short-term CO exposure can further reduce their body's already compromised ability to respond to the increased oxygen demands of exercise, exertion, or stress. Inadequate oxygen delivery to the heart muscle leads to chest pain and decreased exercise tolerance. Unborn babies whose mothers experience high levels of CO exposure during pregnancy are at risk of adverse developmental effects. Unborn babies, infants, elderly people, and people with anemia or with a history of heart or respiratory disease are most likely to experience health effects with exposure to elevated levels of CO (CARB 2019d).

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.

Controlled human exposure and epidemiological studies show that children and adults with asthma are more likely to experience adverse responses with SO_2 exposure, compared with the non-asthmatic population. Effects at levels near the one-hour standard are those of asthma exacerbation, including bronchoconstriction accompanied by symptoms of respiratory irritation such as wheezing,

shortness of breath and chest tightness, especially during exercise or physical activity. Also, exposure at elevated levels of SO_2 (above 1 parts per million (ppm)) results in increased incidence of pulmonary symptoms and disease, decreased pulmonary function, and increased risk of mortality. The elderly and people with cardiovascular disease or chronic lung disease (such as bronchitis or emphysema) are most likely to experience these adverse effects (CARB 2019e).

SO_2 is of concern both because it is a direct respiratory irritant and because it contributes to the formation of sulfate and sulfuric acid in particulate matter (NRC 2005). People with asthma are of particular concern, both because they have increased baseline airflow resistance and because their SO_2-induced increase in resistance is greater than in healthy people, and it increases with the severity of their asthma (NRC 2005). SO_2 is thought to induce airway constriction via neural reflexes involving irritant receptors in the airways (NRC 2005).

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}) 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 ($PM_{2.5}$) 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 ROG.

$PM_{2.5}$ 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 small enough to penetrate deeper into the lungs and damage lung tissue. Suspended particulates also produce haze and reduce regional visibility and damage and discolor surfaces on which they settle.

A number of adverse health effects have been associated with exposure to both $PM_{2.5}$ and PM_{10}. For $PM_{2.5}$, short-term exposures (up to 24-hours duration) have been associated with premature mortality, increased hospital admissions for heart or lung causes, acute and chronic bronchitis, asthma attacks, emergency room visits, respiratory symptoms, and restricted activity days. These adverse health effects have been reported primarily in infants, children, and older adults with preexisting heart or lung diseases. In addition, of all of the common air pollutants, $PM_{2.5}$ is associated with the greatest proportion of adverse health effects related to air pollution, both in the United States and world-wide based on the World Health Organization's Global Burden of Disease Project. Short-term exposures to PM_{10} have been associated primarily with worsening of respiratory diseases, including asthma and chronic obstructive pulmonary disease (COPD), leading to hospitalization and emergency department visits (CARB 2017a).

Long-term (months to years) exposure to $PM_{2.5}$ has been linked to premature death, particularly in people who have chronic heart or lung diseases, and reduced lung function growth in children. The effects of long-term exposure to PM_{10} are less clear, although several studies suggest a link between long-term PM_{10} exposure and respiratory mortality. The International Agency for Research on Cancer published a review in 2015 that concluded that particulate matter in outdoor air pollution causes lung cancer (CARB 2017a).

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 phase out of leaded gasoline reduced the overall inventory of airborne lead by nearly 95%. With the phase out 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.

Reactive Organic Gases. 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 ROG. 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 ROG result from the formation of O_3 and its related health effects. High levels of ROG 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 ROG 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 noncancer 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 2019f). DPM is typically composed of carbon particles ("soot," also called black carbon) 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 2019f). The 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 noncancer 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 2019f). Those most vulnerable to noncancer 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 quite 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. In a phenomenon 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.

2.1.3 Sensitive Receptors

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Children, pregnant women, older adults, and people with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses where sensitive-receptor population groups are likely to be located at hospitals, medical clinics, schools, playgrounds, childcare centers, residences, and retirement homes (BAAQMD 2017a). There are existing residences in all directions of the project site, with the nearest at approximately 100 feet to the west of the project boundary, across Saratoga Creek.

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. 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 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 that demonstrates how those areas will attain the standards within mandated time frames.

2.2.1.2 Hazardous Air Pollutants

The 1977 federal Clean Air Act amendments required 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. The CAAQS describe adverse conditions; that is, pollution levels must be below these standards before a basin can attain the standard. 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. 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/m^3)	—	Same as primary standard[f]
	8 hours	0.070 ppm (137 μg/m^3)	0.070 ppm (137 μg/m^3)[f]	
NO_2[g]	1 hour	0.18 ppm (339 μg/m^3)	0.100 ppm (188 μg/m^3)	Same as primary standard
	Annual arithmetic mean	0.030 ppm (57 μg/m^3)	0.053 ppm (100 μg/m^3)	
CO	1 hour	20 ppm (23 mg/m^3)	35 ppm (40 mg/m^3)	None
	8 hours	9.0 ppm (10 mg/m^3)	9 ppm (10 mg/m^3)	

Table 1
Ambient Air Quality Standards

Pollutant	Averaging Time	California Standards[a]	National Standards[b]	
		Concentration[c]	*Primary[c,d]*	*Secondary[c,e]*
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 2016.

Notes: O_3 = ozone; ppm = parts per million by volume; μg/m³ = micrograms per cubic meter; NO_2 = nitrogen dioxide; CO = carbon monoxide; mg/m³= milligrams per cubic meter; SO_2 = sulfur dioxide; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; PST = Pacific Standard Time.

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 $\mu g/m^3$ to 12.0 $\mu g/m^3$. The existing national 24-hour $PM_{2.5}$ standards (primary and secondary) were retained at 35 $\mu g/m^3$, as was the annual secondary standard of 15 $\mu g/m^3$. The existing 24-hour PM_{10} standards (primary and secondary) of 150 $\mu g/m^3$ 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 $\mu g/m^3$ 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 (HRA), 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

This section of the Health and Safety Code states that a person shall not discharge from any source whatsoever quantities of air contaminants or other material 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 Bay Area Air Quality Management District

The BAAQMD is the regional agency responsible for the regulation and enforcement of federal, state, and local air pollution control regulations in the SFBAAB, where the project site is located. The clean air strategy of the BAAQMD includes the preparation of plans for the attainment of ambient air quality standards, adoption and enforcement of rules and regulations concerning sources of air pollution, issuance of permits for stationary sources of air pollution, inspection of stationary sources of air pollution and response to citizen complaints, monitoring of ambient air quality and meteorological conditions, and implementation of programs and regulations required by the federal and California Clean Air Acts.

On April 19, 2017, the BAAQMD adopted the *Spare the Air: Cool The Climate Final 2017 Clean Air Plan* (BAAQMD 2017b). The *2017 Clean Air Plan* provides a regional strategy to protect public health and protect the climate. To protect public health, the *2017 Clean Air Plan* includes all feasible measures to reduce emissions of O_3 precursors (ROG and NO_x) and reduce O_3 transport to neighboring air basins. In addition, the *2017 Clean Air Plan* builds on BAAQMD efforts to reduce $PM_{2.5}$ and TACs. To protect the climate, the *2017 Clean Air Plan* defines a vision for transitioning the region to a post-carbon economy needed to achieve ambitious GHG reduction targets for 2030 and 2050, and provides a regional climate protection strategy that will put the Bay Area on a pathway to achieve those GHG reduction targets.

BAAQMD establishes and administers a program of rules and regulations to attain and maintain state and national air quality standards and regulations related to TACs. The rules and regulations that may apply to the project include the following:

- **Regulation 2, Rule 1 – Permits.** This rule specifies the requirements for authorities to construct and permits.
- **Regulation 6, Rule 1 – General Requirements.** This rule limits the quantity of particulate matter in the atmosphere through the establishment of limitations on emission rates, concentration, visible emissions, and opacity.
- **Regulation 6, Rule 3 – Wood-Burning Devices.** This rule limits the emissions of particulate matter and visible emissions from wood-burning devices used for primary heat, supplemental heat or ambiance.
- **Regulation 6, Rule 6 – Prohibition of Trackout.** This rule addresses fugitive road dust emissions associated with trackout of solid materials onto paved public roads outside the boundaries of large bulk material sites, large construction sites and large disturbed surface sites (sites of 1-acre or more), and large disturbed surface sites.
- **Regulation 8, Rule 1 – General Provisions.** This rule limits the emission of organic compounds into the atmosphere.
- **Regulation 8, Rule 3 – Architectural Coatings.** This rule limits the quantity of VOCs in architectural coatings supplied, sold, offered for sale, applied, solicited for application, or manufactured for use within the BAAQMD.
- **Regulation 8, Rule 15 – Emulsified and Liquid Asphalts.** This rule limits the emissions of VOCs caused by the use of emulsified and liquid asphalt in paving materials and paving and maintenance operations.

2.2.3.2 City of Saratoga

As discussed in the City's General Plan, policies pertaining to improving air quality are addressed in multiple chapters of the General Plan. The *Open Space and Conservation Element* (2007a) and *Land Use Element* (2007b) of the City's General Plan includes goals and policies designed to help improve air quality within the City. Trip reduction strategies are addressed in the *Circulation and Scenic Highway Element* (2010). To reduce vehicle traffic and congestion within Saratoga, the *Circulation Element and Scenic Highway Element* includes policies to encourage the use of alternative forms of transportation and strategies including promoting bicycling, walking, and transit use.

Policies directly applicable to air quality are described below.

Open Space and Conservation Element

Goal OSC 15: Improve local and regional air quality by ensuring that all development projects incorporate all feasible measures to reduce air pollutants.

- **Policy OSC 15.1:** Require development projects to comply with BAAQMD measures to reduce dust emissions due to grading and construction activities.
- **Policy OSC 15.2:** Encourage use of trip demand measures as part of major commercial and office development projects to reduce dependence on automobile use.

Land Use Element

Goal LU 15: Improve local and regional air quality by ensuring all development projects incorporate all feasible measures to reduce air pollutants.

- **Policy LU 15.3:** Discourage the use of wood burning fireplaces by limiting to one per residence, including outdoor/patio fireplaces.

2.3 Regional and Local Air Quality Conditions

2.3.1 San Francisco Bay Area Air Basin Attainment Designation

Pursuant to the 1990 federal Clean Air Act amendments, 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
State and Federal Ambient Air Quality Standards and Attainment Status

Pollutant	Averaging Time	California Standards[a]		National Standards[b]	
		Standard	*Attainment Status*	*Standard*	*Attainment Status*
Ozone (O_3)	1 hour	0.09 ppm	**N**	NA	NA
	8 hour	0.07 ppm	**N**	0.070 ppm	**N/Marginal**[c]
Carbon Monoxide (CO)	1 hour	20 ppm	A	35 ppm	A
	8 hour	9 ppm	A	9 ppm	A
Nitrogen Dioxide (NO_2)	1 hour	0.18 ppm	A	0.100 ppm	U
	Annual	0.030 ppm	NA	0.053 ppm	A
Sulfur Dioxide (SO_2)	1 hour	0.25 ppm	A	0.075 ppm	A
	24 hour	0.04 ppm	A	0.14 ppm	A
	Annual	NA	NA	0.03 ppm	A
Particulate Matter (PM_{10})	24 hour	50 µg/m^3	**N**	150 µg/m^3	U
	Annual	20 µg/m^3	**N**	NA	NA
Fine Particulate Matter ($PM_{2.5}$)	24 hour	NA	NA	35 µg/m^3	**N**[d]
	Annual	12 µg/m^3	**N**	12 µg/m^3	U/A[e]
Sulfates	24 hour	25 µg/m^3	A	NA	NA
Lead	30 day	1.5 µg/m^3	NA	NA	A
	Cal. Quarter	NA	NA	1.5 µg/m^3	A
	Rolling 3-Month Average	NA	NA	0.15 µg/m^3	U/A
Hydrogen Sulfide	1 hour	0.03 ppm	U	NA	NA
Visibility-Reducing Particles	8 hour	See Note "f"	U	NA	NA

Source: BAAQMD 2017c; CARB 2018a (state); EPA 2018b (federal).

Notes: µg/m^3 = micrograms per cubic meter; mg/m^3= milligrams per cubic meter; 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; ppm = parts per million by volume; A = Attainment; N = Nonattainment; U = Unclassified; NA = Not Applicable (no applicable standard)

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 shown are the "primary standards" designed to protect public health. NAAQS (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/m^3 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 On October 1, 2015, the national 8-hour O_3 primary and secondary standards were lowered from 0.075 to 0.070 ppm. An area will meet the standard if the fourth-highest maximum daily 8-hour ozone concentration per year, averaged over three years, is equal to or less than 0.070 ppm. EPA will make recommendations on attainment designations by October 1, 2016, and issue final designations October 1, 2017. Nonattainment areas will have until 2020 to late 2037 to meet the health standard, with attainment dates varying based on the O_3 level in the area.

[d] On January 9, 2013, the EPA issued a final rule to determine that the Bay Area attains the 24-hour $PM_{2.5}$ national standard. This EPA rule suspends key SIP requirements as long as monitoring data continues to show that the Bay Area attains the standard. Despite this EPA action, the Bay Area will continue to be designated as "nonattainment" for the national 24-hour $PM_{2.5}$ standard until such time as the BAAQMD submits a "redesignation request" and a "maintenance plan" to EPA, and EPA approves the proposed redesignation.

[e] In December 2012, the EPA strengthened the annual $PM_{2.5}$ NAAQS from 15.0 to 12.0 µg/m^3. In December 2014, EPA issued final area designations for the 2012 primary annual $PM_{2.5}$ NAAQS. Areas designated "unclassifiable/attainment" must continue to take steps to prevent their air quality from deteriorating to unhealthy levels. The effective date of this standard is April 15, 2015.

[f] Statewide visibility reducing particle standard (except Lake Tahoe Air Basin): Particles in sufficient amount to produce an extinction coefficient of 0.23 per kilometer when the relative humidity is less than 70%. This standard is intended to limit the frequency and severity of visibility impairment due to regional haze and is equivalent to a 10-mile nominal visual range.

In summary, the SFBAAB is designated as a nonattainment area for federal and state O_3 and $PM_{2.5}$ standards. The SFBAAB is also designated as a nonattainment area for the state PM_{10} standards. The SFBAAB is designated as "unclassified" or "attainment" for all other criteria air pollutants.

2.3.2 Local Ambient Air Quality

CARB, air districts, and other agencies monitor ambient air quality at approximately 250 air quality monitoring stations across the state. BAAQMD monitors local ambient air quality at the project site. Air quality monitoring stations usually measure pollutant concentrations 10 feet above ground level; therefore, air quality is often referred to in terms of ground-level concentrations. The most recent background ambient air quality data from 2015 to 2017 are presented in Table 3. The Los Gatos monitoring station, located at 306 University Avenue, Los Gatos, California 95030, is the nearest air quality monitoring station to the project site, located approximately 4.1 miles to the southeast of the project site. However, because the Los Gatos station only monitors O_3, additional measurements were taken from the San Jose Jackson Street monitoring station (158 E Jackson Street, San Jose, California, 95112, approximately 7.5 miles to the northeast of the project site). The data collected at these stations are considered generally representative of the air quality experienced in the project vicinity. The number of days exceeding the ambient air quality standards is also shown in Table 3.

Table 3
Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2015	*2016*	*2017*	*2015*	*2016*	*2017*
Ozone (O_3)										
Los Gatos	ppm	Maximum 1-hour concentration	State	0.09	0.100	0.091	0.093	1	0	0
	ppm	Maximum 8-hour concentration	State	0.070	0.084	0.066	0.076	5	0	3
			Federal	0.070	0.084	0.065	0.075	4	0	3

Table 3
Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2015	*2016*	*2017*	*2015*	*2016*	*2017*
San Jose Jackson Street	ppm	Maximum 1-hour concentration	State	0.09	0.094	0.087	0.121	0	0	3
	ppm	Maximum 8-hour concentration	State	0.070	0.081	0.067	0.099	2	0	4
			Federal	0.070	0.081	0.066	0.098	2	0	4
Nitrogen Dioxide (NO_2)										
San Jose Jackson Street	ppm	Maximum 1-hour concentration	State	0.18	0.049	0.051	0.067	*0*	*0*	*0*
			Federal	0.100	0.0493	0.0511	0.0675	*0*	*0*	*0*
	ppm	Annual concentration	State	0.030	0.012	0.011	ND	—	—	—
			Federal	0.053	—	—	—	—	—	—
Carbon Monoxide (CO)										
San Jose Jackson Street	ppm	Maximum 1-hour concentration	State	20	—	—	—	—	—	—
			Federal	35	2.4	1.9	2.1	0	0	0
	ppm	Maximum 8-hour concentration	State	9.0	—	—	—	—	—	—
			Federal	9	1.8	1.4	1.8	0	0	0
Sulfur Dioxide (SO_2)										
San Jose Jackson Street	ppm	Maximum 1-hour concentration	Federal	0.075	0.0031	0.0018	0.0036	0	0	0
	ppm	Maximum 24-hour concentration	Federal	0.14	0.0011	0.0008	0.0011	0	0	0
	ppm	Annual concentration	Federal	0.030	0.0003	0.00019	0.0002[a]	0	0	0
Coarse Particulate Matter (PM_{10})[b]										
San Jose Jackson Street	$\mu g/m^3$	Maximum 24-hour concentration	State	50	58.0	41.0	69.8	3.0 (1)	0.0 (0)	19.2 (6)
			Federal	150	58.8	40.0	69.4	0.0 (0)	0.0 (0)	0.0 (0)
	$\mu g/m^3$	Annual concentration	State	20	21.9	18.3	21.3	—	—	—
Fine Particulate Matter ($PM_{2.5}$)[b]										
San Jose Jackson Street	$\mu g/m^3$	Maximum 24-hour concentration	Federal	35	49.4	22.6	49.7	2.1 (2)	0.0 (0)	6.0 (6)
	$\mu g/m^3$	Annual	State	12	10.6	8.4	ND	—	—	—

Table 3
Local Ambient Air Quality Data

Monitoring Station	Unit	Averaging Time	Agency/ Method	Ambient Air Quality Standard	Measured Concentration by Year			Exceedances by Year		
					2015	*2016*	*2017*	*2015*	*2016*	*2017*
		concentration	Federal	12.0	9.9	8.3	9.5	—	—	—

Sources: CARB 2019g; EPA 2018c.
Notes: ppm = parts per million by volume; ND = insufficient data available to determine the value; — = not available; $\mu g/m^3$ = micrograms per cubic meter.
Data taken from CARB iADAM (http://www.arb.ca.gov/adam) and EPA AirData (http://www.epa.gov/airdata/) represent the highest concentrations experienced over a given year.
Exceedances of federal and state standards are only shown for O_3 and particulate matter. 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 $PM_{2.5}$.
Los Gatos Monitoring Station is located at 306 University Avenue, Los Gatos, California 95030.
San Jose Jackson Street Monitoring Station is located at 158 E Jackson Street, San Jose, California, 95112.
[a] Mean does not satisfy minimum data completeness criteria.
[b] 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

The significance criteria used to evaluate the project impacts to air quality is based on the recommendations provided in Appendix G of the CEQA Guidelines. For the purposes of this air quality analysis, a significant impact would occur if the project would (14 CCR 15000 et seq.):

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

Appendix G of the CEQA Guidelines (14 CCR 15000 et seq.) indicates that, where available, the significance criteria established by the applicable air quality management district or air pollution control district may be relied upon to determine whether the project would have a significant impact on air quality.

Notably, in the *California Building Industry Association v. Bay Area Air Quality Management District* case decided in 2015, the California Supreme Court held that CEQA does not generally require lead agencies to consider how existing environmental conditions might impact a project's occupants, except where the project would significantly exacerbate an existing environmental condition. Accordingly, the significance criteria above related to exposure of sensitive receptors to substantial pollutant concentrations is relevant only to the extent that the project exacerbates existing air quality conditions.

The BAAQMD adopted updated *CEQA Air Quality Guidelines*, including new thresholds of significance, in June 2010 (BAAQMD 2010), and revised them in May 2011. The *CEQA Air Quality Guidelines* advise lead agencies on how to evaluate potential air quality impacts, including establishing quantitative and qualitative thresholds of significance. The BAAQMD resolutions adopting and revising the significance thresholds in 2011 were set aside by a judicial writ of mandate on March 5, 2012. In May 2012, the BAAQMD updated its *CEQA Air Quality Guidelines* to continue to provide direction on recommended analysis methodologies, but without recommended quantitative significance thresholds (BAAQMD 2012). On August 13, 2013, the First District Court of Appeal ordered the trial court to reverse the judgment and upheld the BAAQMD's CEQA thresholds. The BAAQMD *CEQA Air Quality Guidelines* were recently re-released in May 2017, and include the same thresholds as in the 2010 and 2011 Guidelines for criteria air pollutants, TACs, and GHGs (BAAQMD 2017a). These thresholds are based on substantial evidence identified in BAAQMD's *Revised Draft Options and Justification Report* (BAAQMD 2009) and are summarized in Table 4.

In general, the BAAQMD significance thresholds for criteria pollutants (ROG, NO_x, PM_{10}, $PM_{2.5}$, and CO) address the first two air quality Appendix G CEQA significance criteria (listed above). The BAAQMD maintains that these criteria pollutant thresholds are intended to maintain ambient air quality concentrations below state and federal standards and to prevent a cumulatively considerable contribution to regional nonattainment with ambient air quality standards. The TAC thresholds (cancer and noncancer risks) and local CO thresholds address the third Appendix G significance criterion, and the BAAQMD odors threshold addresses the fourth Appendix G significance criterion.

Table 4
Thresholds of Significance

Pollutant	Construction Thresholds	Operational Thresholds	
	Average Daily Emissions (lbs/day)	Average Daily Emissions (lbs/day)	Maximum Annual Emissions (tons/year)
ROG	54	54	10
NO_x	54	54	10

Table 4
Thresholds of Significance

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

Source: BAAQMD 2017a.
Notes: lbs/day = pounds per day; tons/year = tons per year; ppm = parts per million; µg/m^3 = micrograms per cubic meter; ROG = reactive organic gases; NO_x = oxides of nitrogen; PM_{10} = particulate matter with an aerodynamic resistance diameter of 10 micrometers or less; $PM_{2.5}$ = fine particulate matter with an aerodynamic resistance diameter of 2.5 micrometers or less; CO = carbon monoxide

The BAAQMD established their thresholds of significance for CEQA purposes based on the regional goal to attain the NAAQS and CAAQS. Since an AAQS 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 AAQS, this means that the thresholds established by air districts are also protective of human health.

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. 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, construction would begin in April 2020 for a duration of 15 months. The analysis contained herein is based on the following assumptions (duration of phases is approximate):

- Site Preparation: 11 days
- Grading: 2 months
- Paving: 1 month
- Building Construction: 1 year
- Application of Architectural Coatings: 1 year

Construction-worker estimates and vendor truck trips by construction phase were based on CalEEMod default values. Haul truck trips during the grading phase were based on project applicant-provided earthwork quantities Grading is estimated to involve a total of 6,240 cubic yards of cut and 100 cubic yards of fill, resulting in 6,140 cubic yards of soil for export. Assuming a haul truck capacity of 16 CY per truck, earth-moving activities would result in approximately 384 round trips (768 one-way truck trips) during the grading phase. CalEEMod default trip length values were used for the distances for worker and vendor trips, but were increased to 30 miles per one-way trip for haul trucks per applicant input. Fugitive dust generated during truck loading is included in CalEEMod as an on-site source of fugitive dust emissions and is calculated based on estimated throughput of loaded and unloaded material.

The construction equipment mix and vehicle trips used for estimating the project-generated construction emissions are shown in Table 5. For the analysis, it was generally assumed that heavy construction equipment would be operating at the site 5 days per week (22 days per month) during project construction.

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*
Site Preparation	5	0	0	Graders	1	8
				Tractors/loaders/backhoes	1	8
Grading	13	0	768	Concrete/industrial saws	1	8
				Rubber tired dozers	1	1

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*
				Tractors/loaders/backhoes	2	6
				Trencher	1	4
Paving	18	0	0	Cement and mortar mixers	4	6
				Pavers	1	7
				Rollers	1	7
				Tractors/loaders/backhoes	1	7
Building Construction	44	10	0	Cranes	1	4
				Forklifts	2	6
				Tractors/loaders/backhoes	2	8
Architectural Coating	9	0	0	Air compressors	1	6

Notes: See Appendix A for details.

2.4.2.2 Operational Emissions

Emissions from the operational phase of the project were estimated using CalEEMod Version 2016.3.2. Year 2022 was assumed as the first full year of operations after completion of 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, water heating, and stoves are calculated in the building energy use module of CalEEMod, as described in the following text. For hearths, it was assumed that there would be one natural gas fireplace in each of the two building living spaces.

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 ROG emissions are estimated in CalEEMod based on the floor area of residential and nonresidential buildings and on the default factor of pounds of ROG per building square foot per day. For parking lot land uses, CalEEMod estimates ROG emissions associated with use of parking surface degreasers based on a square footage of parking surface area and pounds of ROG per square foot per day.

ROG 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 ROG evaporative emissions from application of residential and nonresidential surface coatings based on the ROG emission factor, the building square footage, the assumed fraction of surface area, and the reapplication rate. The model default reapplication rate of 10% of area per year is assumed. Consistent with CalEEMod defaults, it is assumed that the residential 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. For the parking garage, the architectural coating area is assumed to be 6% of the total square footage, consistent with the supporting CalEEMod studies provided as an appendix to the CalEEMod User's Guide (CAPCOA 2017).

Landscape maintenance includes fuel combustion emissions from equipment such as lawn mowers, rototillers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers. The emissions associated from landscape equipment use are estimated based on CalEEMod default values for emission factors (grams per residential dwelling unit per day and grams per square foot of nonresidential building space per day) and number of summer days (when landscape maintenance would generally be performed) and winter days. For Santa Clara County, the average annual operational days for landscape equipment are estimated at 180 days per year (CAPCOA 2017).

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). 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 for each land use were applied for the project analysis. The energy use from residential land uses is calculated in CalEEMod based on the Residential Appliance Saturation Study (CAPCOA 2017).

Mobile Sources

Mobile sources for the project would primarily be motor vehicles (automobiles and light-duty trucks) traveling to and from the project site. Motor vehicles may be fueled with gasoline, diesel, or alternative fuels. The anticipated trip generation, including the trip rates and total trips, are based on the project's Transportation Impact Analysis (TIA). Specifically, the project would generate 362 daily trips, with an average trip length of 8.0 miles, for a total of approximately 2,900 vehicle-miles traveled (VMT) per day (Fehr and Peers 2019). CalEEMod default data,

including temperature, trip characteristics, variable start information, emissions factors, were conservatively used for the model inputs to estimate daily emissions from proposed vehicular sources. Project-related traffic was assumed to include a mixture of vehicles in accordance with the model outputs for traffic. Emission factors representing the vehicle mix and emissions for 2022 were used to estimate emissions associated with full buildout of the project.

Stationary Sources

The project would include a natural gas emergency generator on the rooftop of each building. The two generators would be a GENERAC Protector Series RG045 (45 kilowatt) or similar and a GENERAC Protector Series RG030 (30 kilowatt) or similar, respectively. Emissions associated with operations of the generators were estimated for the routine testing and maintenance of the natural gas emergency generators, assuming up to 1 hour of operation per day and up to 50 hours of operation per year. The CalEEMod default load factor 0.73 was applied to each emergency generator.

2.4.2.3 Health Risk Assessment

A HRA was performed to evaluate potential health risk associated with construction and operations of the project. The following discussion summarizes the dispersion modeling and HRA methodology; supporting documentation, including detailed assumptions, is presented in Appendix B.

For short-term construction, a dispersion modeling analysis was conducted of DPM emitted from diesel vehicles and construction equipment on the proposed project site for the HRA to assess the health risk impacts of the project's construction on proximate off-site sensitive receptors. Additionally, a separate dispersion modeling analysis was conducted of TACs emitted by the natural gas emergency generators to be located at the project. The dispersion modeling was performed using the American Meteorological Society/Environmental Protection Agency Regulatory Model (AERMOD) Version 18081, which is the model EPA approved and BAAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. Principal parameters of AERMOD for the project included the following:

- **Dispersion Model:** The air dispersion model used was AERMOD, Version 18081, with the Lakes Environmental Software implementation/user interface, AERMOD View, Version 9.6.5. Under the construction scenario, a unit emission rate (1 gram per second (g/s)) was normalized over the line of adjacent volume sources for the AERMOD run to obtain the "X/Q" values. Under the operational scenario, AERMOD was run with each source emitting

unit emissions (1 g/s) to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and Period averaging periods.

- **Meteorological Data:** The latest 5-year meteorological data (years 2013-2017) for the San Jose International Airport station (KSJC) were provided by BAAQMD (BAAQMD 2019), and then input to AERMOD.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. The urban dispersion option was selected and the Santa Clara County population for year 2010 (1,781,642 persons) input into AERMOD.
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. The National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used.
- **Sensitive Receptors:** This HRA evaluates the risk to existing residential receptors located in proximity to the project. A uniform fine 1-kilometer by 1-kilometer Cartesian grid with 20-meter spacing was centered over the project site and converted into discrete receptors to capture the maximum risk.
- **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. 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. Construction equipment would operate up to 8 hours per day.
- **Source Release Operating Scenarios:** The natural gas emergency generators would be located on building rooftops and would not have stacks. As such, each generator was modeled as an area source based on recommendations from the San Joaquin Valley Air Pollution Control District (SJVAPCD) point source guidance for engines and boilers (SJVAPCD 2006).

Plot files generated in AERMOD were then imported into CARB's Hotspots Analysis and Reporting Program Version 2 (HARP2), with ground level concentrations determined by multiplication of emission rates and X/Q values for each individual source of emissions. HARP2 then assessed resulting cancer and noncancer risk at the existing receptors from exposure to TAC emissions, in accordance with the Office of Environmental Health Hazard Assessment's (OEHHA's) *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015* (2015 Risk Assessment Guidelines Manual; OEHHA 2015).

2.5 Impact Analysis

2.5.1 Threshold AQ-1

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

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

On April 19, 2017, the BAAQMD adopted the *Spare the Air: Cool The Climate - Final 2017 Clean Air Plan* (BAAQMD 2017b). The BAAQMD *CEQA Air Quality Guidelines* identify a three-step methodology for determining a project's consistency with the current Clean Air Plan. If the responses to these three questions can be concluded in the affirmative and those conclusions are supported by substantial evidence, then the BAAQMD considers the project to be consistent with air quality plans prepared for the Bay Area. The three questions are:

1. Does the project support the goals of the Air Quality Plan?
2. Does the project include applicable control measures from the Clean Air Plan?
3. Does the project disrupt or hinder implementation of any control measures from the Clean Air Plan?

The first question to be assessed in this methodology is "does the project support the goals of the Air Quality Plan"? The BAAQMD-recommended measure for determining project support for these goals is consistency with BAAQMD thresholds of significance. If a project would not result in significant and unavoidable air quality impacts, after the application of all feasible mitigation measures, the project would be consistent with the goals of the *2017 Clean Air Plan*. As indicated in the following discussion with regard to Threshold AQ-2 below, the project would result in less than significant construction and operational emissions and would not result in long-term adverse air quality impacts. Therefore, the project would be considered to support the primary goals and be consistent with the BAAQMD current Clean Air Plan.

The second question to be assessed is "does the project include applicable control measures from the Clean Air Plan?" The *2017 Clean Air Plan* contains 85 control measures aimed at reducing air pollution in the Bay Area. Projects that incorporate all feasible air quality plan control

measures are considered consistent with the Clean Air Plan. The control strategies of the *2017 Clean Air Plan* include measures in the categories of stationary sources, the transportation sector, the buildings sector, the energy sector, the agriculture sector, natural and working lands, the waste sector, the water sector, and super-GHG measures. Depending on the control measure, the tools for implementation include leveraging the BAAQMD rules and permitting authority, regional coordination and funding, working with local governments to facilitate best policies in building codes, outreach and education, and advocacy strategies. The project would result in the development of uses and growth that are consistent with the City General Plan and zoning designations. Furthermore, the project would comply with all applicable BAAQMD rules and would meet state standards and/or local building codes. Based on these considerations, the project would not conflict with any applicable control measures from the *2017 Clean Air Plan*.

The third question to be assessed in this consistency methodology is "does the project disrupt or hinder implementation of any control measures from the Clean Air Plan?" Examples of how a project may cause the disruption or delay of control measures include a project that precludes an extension of a transit line or bike path, or proposes excessive parking beyond parking requirements. The project would not create any barriers or impediments to planned or future improvements to transit or bicycle facilities in the area, nor would it include excessive parking. Therefore, the project would not hinder implementation of *2017 Clean Air Plan* control measures.

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

Mitigation Measures

None required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

2.5.2 Threshold AQ-2

Would the project result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in nonattainment under an applicable Federal or State ambient air quality standard?

Past, present, and future development projects may contribute to the SFBAAB adverse air quality impacts on a cumulative basis. Per BAAQMD's *CEQA Air Quality Guidelines*, by its nature air

pollution is largely a cumulative impact; no single project is sufficient in size to, by itself, result in nonattainment of ambient air quality standards. In developing thresholds of significance for air pollutants, BAAQMD considered the emission levels for which a project's individual emissions would be cumulatively considerable. If a project exceeds the identified significance thresholds, its emissions would be considered cumulatively considerable, resulting in a significant adverse air quality impact to the region's existing air quality conditions. Therefore, if the project's emissions are below the BAAQMD thresholds or screening criteria, then the project would not result in a cumulatively considerable net increase of any criteria air pollutant.

Construction

Sources of emissions during project construction would include: off-road construction equipment exhaust, on-road vehicle exhaust and entrained road dust (i.e., material delivery trucks, haul trucks, and worker vehicles), paving, and architectural coating activities. Detailed assumptions associated with project construction are included in Appendix A.

Average daily emissions were computed by dividing the total construction emissions by the number of active construction days, which were then compared to the BAAQMD construction thresholds of significance. Table 6 shows average daily construction emissions of O_3 precursors (ROG and NO_x), PM_{10} exhaust, and $PM_{2.5}$ exhaust during project construction.[3]

Table 6
Average Daily Unmitigated Construction Criteria Air Pollutant Emissions

Year	ROG	NO_x	PM_{10} Exhaust	$PM_{2.5}$ Exhaust
	Pounds per Day			
2020-2021 Construction	2.4	12.0	0.6	0.6
BAAQMD Construction Thresholds	*54*	*54*	*82*	*54*
Exceed Threshold?	**No**	**No**	**No**	**No**

Source: Appendix A
Notes: ROG = reactive organic gases; NO_x = oxides of nitrogen; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; BAAQMD = Bay Area Air Quality Management District; BMP = best management practice
The values shown are average daily emissions based on total overall tons of construction emissions, converted to pounds, and divided by 327 active work days. No BAAQMD BMPs were included in the quantitative analysis.

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

As shown in Table 6, construction of the project would not exceed BAAQMD significance thresholds for criteria air pollutants. Although the BAAQMD does not have a quantitative significance threshold for fugitive dust, the BAAQMD's *CEQA Air Quality Guidelines* recommend that projects determine the significance for fugitive dust through application of best management practices (BMPs). The project contractor would be required as conditions of approval to implement the following BMPs that are required of all construction projects:

1. All exposed surfaces (e.g., parking/staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day.
2. All haul trucks transporting soil, sand, or other loose material off site shall be covered.
3. All visible mud or dirt track-out onto local roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited.
4. All vehicle speeds on unpaved roads shall be limited to 15 miles per hour (mph).
5. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used.
6. Idling times shall be minimized either by shutting equipment off when not in use or reducing the maximum idling time to 5 minutes (as required by the California Airborne Toxics Control Measure Title 13, Section 2485 of California Code of Regulations [CCR]). Clear signage shall be provided for construction workers at all access points.
7. All construction equipment shall be maintained and properly tuned in accordance with manufacturer's specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation.
8. Post a publicly visible sign with the telephone number and person to contact at the Lead Agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The BAAQMD's phone number shall also be visible to ensure compliance with applicable regulations.

Implementation of the required fugitive dust control measures would ensure air quality and fugitive dust-related impacts associated with construction would remain less-than-significant.

Operations

Operation of the project would generate criteria pollutant (including ROG, NO_x, PM_{10}, and $PM_{2.5}$) emissions from mobile sources (vehicular traffic), area sources (consumer products, natural gas hearths, architectural coatings, and landscaping equipment), energy sources (natural gas consumption), and stationary sources (routine testing and maintenance of the two emergency

natural gas generators). CalEEMod was used to estimate daily emissions from project-related operational sources. Table 7 summarizes the operational emissions criteria pollutants that would be generated from the project. Operational emissions were then compared to the BAAQMD operational thresholds.

Table 7
Daily Unmitigated Operational Criteria Air Pollutant Emissions

Source	ROG	NO_x	PM_{10}	$PM_{2.5}$
	Pounds per Day			
Area	0.74	0.08	0.02	0.02
Energy	0.01	0.09	0.01	0.01
Mobile	0.57	2.28	2.25	0.61
Stationary	0.88	0.08	0.01	0.01
Total	**2.20**	**2.53**	**2.29**	**0.65**
BAAQMD Operational Thresholds	*54*	*54*	*82*	*54*
Exceed Threshold?	**No**	**No**	**No**	**No**

Source: Appendix A.
Note: ROG = reactive organic gases; NO_x = oxides of nitrogen; PM_{10} = coarse particulate matter; $PM_{2.5}$ = fine particulate matter; BAAQMD = Bay Area Air Quality Management District
The values shown are the maximum summer or winter daily emissions results from CalEEMod. Totals may not sum due to rounding.

As indicated in Table 7, the increase in operational emissions of ROG, NO_x, PM_{10}, and $PM_{2.5}$ resulting from development of the project would not exceed the BAAQMD significance thresholds. Therefore, the project would have a less-than-significant impact in relation to regional operational emissions.

Health Effects of Criteria Air Pollutants

Construction and operation of the project would not result in emissions that exceed the BAAQMD emission thresholds for any criteria air pollutant, including ROG, NO_x, PM_{10}, or $PM_{2.5}$. ROG emissions would be associated with motor vehicles, construction equipment, asphalt off-gassing, and architectural coatings; however, project-generated ROG emissions would not result in the exceedances of the BAAQMD thresholds, as shown in Table 6 and Table 7. Generally, the ROG in architectural coatings are of relatively low toxicity. Additionally, the project would be required to adhere to Regulation 8, Rule 3 – Architectural Coatings, which restricts the content of volatiles in coatings.

ROG and NO_x are precursors to O_3, for which the SFBAAB 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 ROG and NO_x to regional ambient O_3

concentrations is the result of complex photochemistry. The increases in O_3 concentrations in the SFBAAB 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 ROG emissions would occur because exceedances of the O_3 AAQS tend to occur between April and October when solar radiation is highest. The holistic effect of a single project's emissions of O_3 precursors is speculative due to the lack of quantitative methods to assess this impact. Nonetheless, because ROG and NO_x emissions associated with project construction and/or operation would not exceed the BAAQMD daily thresholds, it is not anticipated the project would contribute substantially to regional O_3 concentrations and the associated health effects.

Construction and operation of the project would not contribute to exceedances of the NAAQS and CAAQS for NO_2. Health effects that result from NO_x (including NO_2) include respiratory irritation, which could be experienced by nearby receptors during the periods of heaviest use of off-road construction equipment. However, project construction would be relatively short-term, and off-road construction equipment would be operating at various portions of the site and would not be concentrated in one portion of the site at any one time. In addition, existing NO_2 concentrations in the area are well below the NAAQS and CAAQS standards. Construction and operation of the project would result in a minimal increase in localized NO_x emissions. Therefore, the project is not anticipated to result in substantial NO_2 emissions or the potential health effects associated with NO_2.

CO tends to be a localized impact associated with congested intersections. As described under Threshold AQ-3, the project would result in minimal new traffic trips and would not exceed the BAAQMD CO screening criteria resulting in the formation of potential CO hotspots. Thus, the project's CO emissions would not contribute to significant health effects associated with this pollutant.

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 obstruct the SFBAAB from coming into attainment for these pollutants. Additionally, the project would implement dust control strategies and be required to comply with Regulation 6, Rule 6 – Prohibition of Trackout and the BAAQMD fugitive dust BMPs, which limit the amount of fugitive dust generated during construction. Due to the minimal contribution of PM_{10} and $PM_{2.5}$ during construction and operation, it is not anticipated that the project would result in potential health effects related to particulate matter.

In summary, because construction and/or operation of the project would not exceed the BAAQMD significance thresholds for ROG, NO_x, PM_{10}, and $PM_{2.5}$, and because the BAAQMD thresholds are based on levels that the SFBAAB can accommodate without affecting the

attainment date for the AAQS and the AAQS are established to protect public health and welfare, it is anticipated that the project would result in less-than-significant health effects associated with criteria air pollutants.

Mitigation Measures

None required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

2.5.3 Threshold AQ-3

Would the project expose sensitive receptors to substantial pollutant concentrations?

Health Impacts of Toxic Air Contaminants

Construction Health Risk

Project construction activities would produce DPM (with PM_{10} exhaust modeled as surrogate) and $PM_{2.5}$ emissions due to equipment, such as loaders, backhoes, and haul truck trips. These emissions could result in elevated concentrations of DPM and $PM_{2.5}$ at nearby receptors, which could lead to an increase in the risk of cancer or other health impacts. Consequently, as discussed in Section 2.4.2.3, a HRA was performed to determine the extent of increased cancer risks and hazard indices at the maximally exposed receptors. The detailed HRA is included as Appendix B, with results summarized below.

The maximally exposed receptor would be the nearest existing residence to the west of the project. Potential health risk at the maximally exposed individual residence (MEIR) resulting from construction activities are shown in Table 8 below.

Table 8
Construction-Related Health Risk Results

Receptor	Cancer Risk (persons per million)	Chronic Impact	$PM_{2.5}$ Concentration ($\mu g/m^3$)
Unmitigated Construction			
Maximally Exposed Individual Resident (MEIR)[1]	34.10	0.031	0.16
BAAQMD Significance Criteria	10	1.0	0.3
Exceed Threshold?	**Yes**	**No**	**No**

Mitigated Construction[2]			
Maximally Exposed Individual Resident (MEIR)[1]	9.06	0.0083	0.041
BAAQMD Significance Criteria	10	1.0	0.3
Exceed Threshold?	**No**	**No**	**No**

Source: Appendix B

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

Diesel exhaust exposure at receptors modeled with AERMOD, which were then input into HARP2 to generate health risk estimates. Construction diesel particulate exposure was assumed to begin in the 3rd trimester of pregnancy for a duration of 1.25-years of active construction.

1 The MEIR for annual cancer and chronic health risk impacts is located to the west of the project at UTM coordinates 588052.5 meter Easting (m E)/4126595 meters Northing (m N)

2 Mitigated emissions include implementation of Mitigation Measure AIR-1.

As shown in Table 8, the incremental cancer risk at the MEIR of 34.10 in one million (assuming exposure starts in 3rd trimester) from project construction would exceed the BAAQMD threshold of 10 in a million without mitigation. With incorporation of higher tier engines as included in Mitigation Measure AIR-1, the project would result in incremental cancer risk of 9.06 in one million.[4] The unmitigated and mitigated chronic hazard index would be 0.031 and 0.0083 at the MEIR, respectively, which would be below the BAAQMD threshold of 1.0. The maximum annual unmitigated and mitigated $PM_{2.5}$ concentrations would be 0.16 micrograms per cubic meter ($\mu g/m^3$) and 0.041 $\mu g/m^3$ at the MEIR, which would be below the BAAQMD threshold of 0.3 $\mu g/m^3$. Project health risk impacts associated with construction would thus be less than significant after mitigation.

Operational Health Risk

For the HRA, TAC emissions associated with operations of the project were estimated for the routine testing and maintenance of the two natural gas emergency generators, assuming up to 50 hours of operation per year. The CalEEMod default load factor 0.73 was applied to each emergency generator. Emission factors from the South Coast Air Quality Management District (SCAQMD) Risk Tool, version 1.1 (SCAQMD 2017) were used for natural gas combustion, which are included in Appendix B.

OEHHA recommends that an exposure duration (residency time) of 30 years be used to estimate an individual cancer risk for the MEIR starting in the 3rd trimester to accommodate the increased susceptibility of exposures in early life (OEHHA 2015). The "Mandatory Minimum Pathways" option was also selected in HARP2, which includes exposure through inhalation, soil, dermis, and mother's milk, where applicable for each TAC. Cancer and noncancer health risk results and MEIR coordinates are presented in Table 9, based on the 30-year exposure scenario.

4 Mitigation Measure AIR-1 would also result in reduced criteria air pollutants, including NO_x, from construction equipment. These mitigated values are included in Appendix A.

Table 9
Natural Gas Generators - Operational Health Risk Results

Receptor	Cancer Risk (persons per million)[1]	Chronic Hazard Index[1]	Acute Hazard Index[2]
Maximally Exposed Individual Resident (MEIR)	0.044	0.00053	0.29
BAAQMD Significance Criteria	10	1.0	1.0
Exceed Threshold?	**No**	**No**	**No**

Source: Appendix B.
Note: MEIR = Maximally Exposed Individual Resident; BAAQMD = Bay Area Air Quality Management District; UTM = Universal Transverse Mercator
TAC exposure plots at receptors from the natural gas emergency generators was modeled with AERMOD, which were then input into HARP2 to generate health risk estimates. Exposure was assumed to begin in the 3rd trimester of pregnancy for a duration of 30 years.

1 The MEIR for annual cancer and chronic health risk impacts is located to the northwest of the project, at UTM coordinates 588052.5 m E/4126635 m N.
2 The MEIR for the 1-hour acute health risk impact is located northwest of the project area, at UTM coordinates 588052.5 m E/4126615 m N.

As depicted in Table 9, the project's stationary source potential cancer health risk of 0.044 in a million would not exceed the BAAQMD threshold of 10 in a million. The noncancer chronic and acute hazard indices of 0.00053 and 0.29, respectively, would not exceed the BAAQMD thresholds of 1.0. Thus, the natural gas emergency generators at the project would result in less-than-significant cancer, chronic, and acute health risk impacts at proximate sensitive residential receptors. These stationary sources would not emit $PM_{2.5}$.

Notably, no existing permitted sources of TACs (such as gas stations) were identified within 1,000 feet of the project using the BAAQMD's geo-referenced database of permitted emissions sources throughout San Francisco Bay Area for estimating health risks to new sensitive receptors from existing permitted sources. Additionally, no highways or freeways are located within 1,000 feet of the project. Therefore, the future residents at the project would not be subject to potentially significant cumulative health risk impacts.

Local Carbon Monoxide Concentrations

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

improvement in vehicular emissions at a rate faster than the rate of vehicle growth and/or congestion, the potential for CO hotspots in the SFBAAB is steadily decreasing.

The BAAQMD thresholds of significance for local CO emissions is the 1-hour and 8-hour CAAQS of 20 ppm and 9 ppm, respectively. By definition, these represent levels that are protective of public health. According to the BAAQMD, a project would result in a less-than-significant impact to localized CO concentrations if the following screening criteria are met (BAAQMD 2017a):

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

The project would generate minimal new traffic trips, estimated to be approximately 21 trips during the AM peak-hour and 28 trips during the PM peak-hour (Fehr and Peers 2019), and would comply with the BAAQMD screening criteria. Accordingly, project-related traffic would not exceed CO standards and therefore, no further analysis was conducted for CO impacts. Thus, the CO emissions impact would be considered less-than-significant on a project-level and cumulative basis.

Mitigation Measures

Mitigation Measure AQ-1: Implement Construction Control Measures for Exhaust-Related Emissions

Prior to the issuance of a construction permit, the project applicant, or its designee, shall submit a Construction Exhaust Emissions Minimization Plan (Plan) to the City or its designated representative for review and approval. The Plan shall detail project compliance with the following requirements:

1. Where access to alternative sources of power and alternative-fueled equipment are available, portable diesel engines shall be prohibited.

2. All diesel-powered equipment with engines equal or greater to 85 horsepower (hp) shall be powered by CARB certified Tier 4 Final engines. If 85 hp or greater engines that comply with Tier 4 Final emissions standards are not commercially available, then the project applicant shall ensure that all diesel-powered equipment equal to or greater than 50 hp will have at least CARB certified Tier 3 engines with the most effective Verified Diesel Emission Control Strategies (VDECS) available for the engine type, such as Level 3 Diesel Particulate Filters (DPF) (Tier 4 engines automatically meet this requirement).

    a. For purposes of this mitigation measure, "commercially available" shall mean the availability of the Tier 4 Final equipment taking into consideration factors such as (1) critical path timing of construction; (2) geographic proximity of the equipment location to the project site.

    b. The project applicant shall maintain and submit records to the City concerning its efforts to comply with this requirement.

Level of Significance After Mitigation

Construction-related health risk impacts would be less than significant after mitigation. Operational health risk and CO hotpots would be less than significant without mitigation.

2.5.4 Threshold AQ-4

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

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 odors during construction would be less than significant.

Common sources of odors include manufacturing plants, rendering plants, coffee roasters, wastewater treatment plants, sanitary landfills, and solid waste transfer stations (BAAQMD 2017a). The project would not result in the creation of a land use that is commonly associated with odors. Therefore, project operations would result in an odor impact that is less than significant.

Mitigation Measures

None 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 (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 2017).

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 2017). 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 14 CCR 15364.5).[5] Some GHGs, such as CO_2, CH_4, and N_2O 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.[6]

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 (such as in rockets, racecars, and aerosol sprays).

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

6 The descriptions of GHGs are summarized from the IPCC Fourth Assessment Report (2007), CARB's "Glossary of Terms Used in GHG Inventories" (2018b), and EPA's "Climate Change" (2017).

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 O_3-depleting substances (e.g., CFCs, 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 O_3-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.
- **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 $PM_{2.5}$, 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 exhaust 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 as a result of 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, 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 2017). The Intergovernmental Panel on Climate Change (IPCC) 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 IPCC's 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:

- 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 2007, in response to the *Massachusetts v. EPA* U.S. Supreme Court ruling, the Bush Administration issued Executive Order (EO) 13432 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 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, the 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/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), and NHTSA intends to set standards for model years 2022–2025 in a future rulemaking.

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. 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 (76 FR 57106–57513).

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 of sizes of buses and work trucks. The final standards are expected to lower carbon dioxide 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).

In August 2018, EPA and NHTSA proposed to amend certain fuel economy and GHG standards for passenger cars and light trucks and establish new standards for model years 2021 through 2026. Compared to maintaining the post-2020 standards now in place, the 2018 proposal would increase U.S. fuel consumption by about half a million barrels per day (2–3 % of total daily consumption, according to the Energy Information Administration) and would impact the global climate by 3/1000th of one degree Celsius by 2100 (EPA and NHTSA 2018). California and other states have stated their intent to challenge federal actions that would delay or eliminate

GHG reduction measures and have committed to cooperating with other countries to implement global climate change initiatives. Thus, the timing and consequences of the 2018 federal proposal are speculative at this time.

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 executive orders, 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 executive orders, 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.

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.

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 million metric tons (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 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 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 Cal. Code Regs., 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 EO S-3-05 and EO 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 global warming potentials 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 Senate Bill 32 (SB 32) (Pavley, Chapter 249, Statutes of 2016).

In December 2017, CARB adopted *California's 2017 Climate Change Scoping Plan (*2017 Scoping Plan*)* for public review and comment (CARB 2017b). The 2017 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 as established by SB 32 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 (SLCP) 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 2017 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 Memorandum of Understanding (Under 2 2019) and the Paris Agreement (UNFCCC 2015), which are developed around the scientifically based levels necessary to limit global warming below 2°C. The 2017 Scoping Plan recognized the benefits of local government GHG planning (e.g., through 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.[7]

[7] *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 & 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.

When discussing project-level GHG emissions reduction actions and thresholds in the context of CEQA, the 2017 Scoping Plan states that "achieving no net additional increase in GHG emissions, resulting in no contribution to GHG impacts, is an appropriate overall objective for new development" for project-level CEQA analysis, but also recognizes that such a standard may not be appropriate or feasible for every development project. The 2017 Scoping Plan further provides that "the inability of a project to mitigate its GHG emissions to net zero does not imply the project results in a substantial contribution to the cumulatively significant environmental impact of climate change under CEQA."

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 (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 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.

SB 605 and SB 1383. SB 605 (2014) requires CARB to complete a comprehensive strategy to reduce emissions of 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 (CARB 2017c).

EO B-55-18. EO B-55-18 (September 2018) establishes a statewide policy for the state to achieve carbon neutrality as soon as possible, and no later than 2045, and achieve and maintain net negative emissions thereafter. The goal is an addition to the existing statewide targets of reducing the state's GHG emissions. CARB will work with relevant state agencies to ensure that 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 currently applicable building energy efficiency standards, and became effective on January 1, 2017. The 2019 Title 24 Building Energy Efficiency Standards, which will be effective January 1, 2020, will further reduce energy used and associated GHG emissions compared to current standards. In general, single-family residences built to the 2019 standards are anticipated to use approximately 7% less energy due to energy efficiency measures than those built to the 2016 standards; once rooftop solar electricity generation is factored in, single-family residences built under the 2019 standards will use approximately 53% less energy than those under the 2016 standards (CEC 2018). Nonresidential buildings built to the 2019 standards are anticipated to use an estimated 30% less energy than those built to the 2016 standards (CEC 2018).

The 2019 Title 24 standards focus on building energy efficiency and ensuring solar electricity generated on site is used on site. "Looking beyond the 2019 standards, the most important energy characteristic for a building will be that it produces and consumes energy at times that are appropriate and responds to the needs of the grid, which reduces the building's emissions" (CEC 2018). In furtherance of that characteristic, the 2019 standards require that new homes include solar photovoltaic to meet the home's expected annual electric needs, and also encourage demand-responsive technologies including battery storage, heat-pump water heaters, and improving buildings' thermal envelopes through high performance attics, walls, and windows. These smarter homes perform better and affect the grid less, which reduces the buildings' GHG emissions.

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 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, which are the current standards, became effective January 1, 2017. The CALGreen 2019 standards will continue to improve upon the 2016 CALGreen standards, and will go into effect on January 1, 2020. 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.

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: 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 California Public Resources Code, including Chapter 8.8 (California Solar Initiative), that require building projects applying for ratepayer-funded incentives for photovoltaic 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."

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 required the commission to evaluate the data available from a specified pilot program, and, if it made 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.

AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general-purpose lighting to reduce electricity consumption by 50% for indoor residential lighting and by 25% for indoor commercial lighting.

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 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 CPUC.

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 CEC and the California Department of Fish and Game (now the California Department of Fish and Wildlife), was directed to lead this effort.

EO S-21-09 and SB X1-2. 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 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 RPS 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, photovoltaic, 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 listed above.

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 (such as 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 CPUC, in consultation with 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 DPM (black carbon) and NO_x emissions from heavy-duty diesel vehicles. The rule requires DPM 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 metropolitan planning organizations (MPOs) to prepare a sustainable communities strategy (SCS) as part of their regional transportation plan (RTP) that will achieve the GHG reduction targets set by CARB. If a 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 California 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.

On September 23, 2010, CARB adopted the SB 375 targets for the regional MPOs. CARB set a target of 7% per capita reduction by 2020 and a 15% per capita reduction by 2035 for the Bay Area. The Metropolitan Transportation Commission (MTC), which is the MPO for the Bay Area, as well as the Association of Bay Area Governments (ABAG), adopted the *Plan Bay Area 2040* in July 2017 (MTC and ABAG 2017), which is the RTP/SCS for the Bay Area. The *Plan Bay Area 2040* is a long-range plan for transportation projects within the planning area and established 13 performance targets to achieve the following goals/outcomes: Climate Protection, Adequate Housing, Healthy and Safe Communities, Open Space and Agricultural Preservation, Equitable Access, Economic Vitality, and Transportation System Effectiveness. Two of these targets are mandatory to comply with SB 375, and the *Plan Bay Area 2040* exceeds the 15% reduction per capita in GHG emissions from light-trucks and cars by 2035 (Climate Protection Goal), and plans to house 100% of the region's projected growth (from a 2010 baseline year) by income level without displacing current low-income residents and with no increase in in-commuters (Adequate Housing Goal).

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 EPA and 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-Emissions 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 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.

EO B-37-16. Issued May 2016, EO B-37-16 directs the State Water Resources Control Board (Water Board) to adjust emergency water conservation regulations through the end of January 2017 to reflect differing water supply conditions across the state. The Water Board must also develop a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The Water Board and Department of Water Resources will develop new, permanent water use targets that build upon the existing state law requirements that the state achieve 20% reduction in urban water usage by 2020. EO B-37-16 also specifies that the Water Board will permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.

EO B-40-17. EO B-40-17 (April 2017) lifted the drought emergency in all California counties except Fresno, Kings, Tulare, and Tuolumne. It also rescinds EO B-29-15, but expressly states that EO B-37-16 remains in effect and directs the Water Board to continue development of permanent prohibitions on wasteful water use.

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.

Other State Actions

SB 97. SB 97 (Dutton) (August 2007) directed the Governor's Office of Planning and Research (OPR) to develop guidelines under CEQA for the mitigation of GHG emissions. In 2008, the OPR 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. CNRA adopted the CEQA Guidelines amendments in December 2009, and they 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. 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 (CNRA 2009a).

With respect to GHG emissions, the CEQA Guidelines state 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 (14 CCR 15064.4(a)). 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 to which 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 2009b), 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).

3.2.3 Local Regulations

3.2.3.1 Bay Area Air Quality Management District

Air districts typically act in an advisory capacity to local governments in establishing the framework for environmental review of air pollution impacts under CEQA. This may include recommendations regarding significance thresholds, analytical tools to estimate emissions and assess impacts, and mitigations for potentially significant impacts. As discussed in Section 3.4.1, Thresholds of Significance, BAAQMD has adopted numeric CEQA significance thresholds for GHG emissions for lead agencies to use in assessing GHG impacts. See Section 2.2.3.1, Bay Area Quality Management District, for additional discussion on BAAQMD.

3.2.3.2 Metropolitan Transportation Commission and Association of Bay Area Governments

SB 375 requires MPOs to prepare an SCS in their RTP. In the Bay Area, the MTC and the ABAG are jointly responsible for developing and adopting a SCS that integrates transportation, land use, and housing to meet GHG reduction targets set by CARB. The *Plan Bay Area 2040* was adopted by MTC and ABAG on July 26, 2017 and represents a limited and focused update that builds on the growth pattern and strategies developed in the original Plan Bay Area (2013). The *Plan Bay Area 2040* does not mandate any changes to local zoning rules, general plans, or processes for reviewing projects; nor is the plan an enforceable direct or indirect cap on development locations or targets in the region (MTC and ABAG 2017).

3.2.3.3 City of Saratoga

As discussed in Section 2.2.3.2, City of Saratoga, the City's General Plan contains policies pertaining to improving air quality in multiple chapters of the General Plan. Specifically, the *Open Space and Conservation Element* (2007) and *Land Use Element* (2007) of the City's General Plan includes goals and policies designed to help improve air quality within the City. Also, trip reduction strategies are addressed in the *Circulation and Scenic Highway Element* (2010). To reduce vehicle traffic and congestion within Saratoga, the *Circulation Element and Scenic Highway Element* includes policies to encourage the use of alternative forms of transportation and strategies including promoting bicycling, walking, and transit use. Many of these air quality and transportation policies would also result in co-benefits with reducing GHG emissions.

3.3 Greenhouse Gas Inventories and Climate Change Conditions

3.3.1 Sources of Greenhouse Gas Emissions

Global Inventory

Anthropogenic GHG emissions worldwide in 2017 (the most recent year for which data is available) totaled approximately 50,860 MMT of CO_2e, excluding land use change and forestry (PBL 2018). Six countries—China, the United States, the Russian Federation, India, Japan, and Brazil—and the European community accounted for approximately 65% of the total global emissions, or approximately 33,290 MMT CO_2e (PBL 2018). Table 10 presents the top GHG-emissions-producing countries.

Table 10
Six Top Greenhouse Gas Producer Countries and the European Union

Emitting Countries (listed in order of emissions)	Greenhouse Gas Emissions (MMT CO_2e)
China	13,530
United States	6,640
European Union	4,560
India	3,650
Russian Federation	2,220
Japan	1,490
Brazil	1,200
Total	**33,290**

Source: PBL 2018.
Note: MMT CO_2e = million metric tons of carbon dioxide equivalent.

National and State Inventories

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 2019). 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 2019).

According to California's 2000–2016 GHG emissions inventory (2018 edition), California emitted 429.4 MMT CO_2e in 2016, including emissions resulting from out-of-state electrical generation (CARB 2018c). 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 global-warming potential 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 11.

Table 11
Greenhouse Gas Emissions Sources in California

Source Category	Annual GHG Emissions (MMT CO_2e)	Percent of Total[a]
Transportation	169.38	39%
Industrial uses[b]	89.61	21%
Electricity generation[c]	68.58	16%
Residential and commercial uses	39.36	9%
Agriculture	33.84	8%
High GWP substances	19.78	5%
Recycling and waste	8.81	2%
Totals	**429.40**	**100%**

Source: CARB 2018c.
Notes: GHG = greenhouse gas; MMT CO_2e = million metric tons of carbon dioxide equivalent; GWP = global warming potential.
Emissions reflect 2016 California GHG inventory.
[a] Percentage of total has been rounded and total may not sum due to rounding.
[b] The Aliso Canyon natural gas leak event released 1.96 MMT CO_2e of unanticipated emissions in 2015 and 0.53 MMT CO_2e in 2016. These leak emissions will be fully mitigated according to legal settlement and are tracked separately from routine inventory emissions.
[c] Includes emissions associated with imported electricity, which account for 26.28 MMT CO_2e.

Between 2000 and 2016, per capita GHG emissions in California have dropped from a peak of 14.0 MT per person in 2001 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 will continue to reduce emissions below the 2020 target of 431 MT CO_2e (CARB 2018c).

Local Inventories

The BAAQMD prepared a GHG inventory for year 2015 in the *Spare the Air: Cool The Climate Final 2017 Clean Air Plan* (BAAQMD 2017b). This GHG inventory, which includes black carbon emissions, is depicted in Table 12. Total emissions of GHGs in the SFBAAB were estimated to be 86.54 MMT CO_2e, with transportation and stationary sources generating the majority of GHG emissions.

Table 12
Greenhouse Gas Emissions Sources in the San Francisco Bay Area Air Basin

Source Category	Annual CO_2e Emissions ($MMT\ CO_2$, CH_4, N_2O, HFC/PFC, SF_6)	Black Carbon ($MMT\ CO_2e$)	Total Emissions by Source ($MMT\ CO_2e$)
Transportation	34.63	0.79	35.42
Electricity/ co-generation	12.11	0.13	12.24
Buildings	8.88	0.39	9.27
Stationary sources	22.02	0.34	22.36
Waste Management	2.28	0.02	2.30
Fluorinated gases	3.56	0.00	3.56
Agriculture	1.22	0.17	1.39
Totals	**84.7**	**1.84**	**86.54**

Source: BAAQMD 2017b.
Notes: GHG = greenhouse gas; CO_2e = carbon dioxide equivalent; MMT = million metric tons; CH_4 = methane; N_2O = nitrous oxide; HFC = hydrofluorocarbons ; PFC = perfluorocarbons; SF_6 = sulfur hexafluoride; SFBAAB = San Francisco Bay Area Air Basin
Emissions reflect the 2015 SFBAAB GHG inventory, which is the most recent year available.

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 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 *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, is 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 exacerbating existing chronic health conditions. Other extreme weather events are likely to negatively impact air quality and increase or intensify respiratory illnesses 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, and 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 wintertime. Increased risk of flooding can lead to a variety of public health concerns, including concerns related to water quality, public safety, property damage, displacement, and post-disaster mental health problems. Prolonged and intensified droughts can also negatively affect 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, 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.

Regarding impacts from GHGs, both BAAQMD and the California Air Pollution Control Officers Association (CAPCOA) consider GHG impacts to be exclusively cumulative impacts (BAAQMD 2017a; CAPCOA 2008); therefore, assessment of significance is based on a determination of whether the GHG emissions from a project represent a cumulatively considerable contribution to the global atmosphere. This analysis uses both a quantitative and a qualitative approach. The quantitative approach is used to address the first significance criterion: "Would the project generate GHG emissions, either directly or indirectly, that may have a significant impact on the environment?" This analysis considers that, because the quantifiable thresholds developed by BAAQMD were formulated based on AB 32 and California Climate Change Scoping Plan reduction targets for which its set of strategies were developed to reduce GHG emissions statewide, a project cannot exceed a numeric BAAQMD threshold without also conflicting with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs. Therefore, if a project exceeds a numeric threshold and results in a significant cumulative impact, it would also result in a significant cumulative impact with respect to plan, policy, or regulation consistency, even though the project may incorporate measures and have features that would reduce its contribution to cumulative GHG emissions.

Separate thresholds of significance have been established by the BAAQMD for operational emissions from stationary sources (such as generators, furnaces, and boilers) and nonstationary sources (such as on-road vehicles) (BAAQMD 2017a). The threshold for stationary sources is 10,000 MT CO_2e per year (i.e., emissions above this level may be considered significant). For nonstationary sources, the following three separate thresholds have been established:

- Compliance with a Qualified Greenhouse Gas Reduction Strategy (i.e., if a project is found to be out of compliance with a Qualified Greenhouse Gas Reduction Strategy, its GHG emissions may be considered significant).
- 1,100 MT CO_2e per year (i.e., emissions above this level may be considered significant).
- 4.6 MT CO_2e per service population per year (i.e., emissions above this level may be considered significant). (Service population is the sum of residents plus employees expected for a development project.)

The quantitative threshold of 1,100 MT CO_2e annually adopted by BAAQMD is applied to this analysis. If the project-related GHG emissions would exceed this threshold then, consistent with BAAQMD *CEQA Air Quality Guidelines*, it would be considered to have a cumulatively considerable contribution of GHG emissions and a cumulatively significant impact on climate change.

3.4.2 Approach and Methodology

3.4.2.1 Construction Emissions

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, Construction Emissions, 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 Operational Emissions

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 mobile sources. Year 2022 was assumed as the first full year of operations after project construction.

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 ROG emissions, which are analyzed in air quality analysis only, and little to no GHG emissions.

Energy Sources

As represented in CalEEMod, energy sources include emissions associated with building electricity and natural gas usage (non-hearth). The estimation of operational energy emissions was based on CalEEMod land use defaults and units or total area (i.e., square footage) of the project's land use. The 2019 Title 24 standards were approved and adopted by the California Building Standards Commission in December 2018. The 2019 standards will become effective January 1, 2020. However, CalEEMod uses the 2016 version of Title 24 as a basis for energy modeling, which was conservatively applied in the analysis.

Emissions were 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 (non-hearth) and electricity emissions were estimated in CalEEMod using the default emissions factors for the proposed land uses. These values reflect adherence with the 2016 Title 24 standards.

Pacific Gas and Electric (PG&E) would be the energy source provider for the project. As discussed 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. The CO_2 emissions intensity factor for utility energy use in CalEEMod was adjusted consistent with the PG&E 2018 Corporate Responsibility and Sustainability Report, which noted that PG&E has delivered 33% of the electricity from RPS eligible resources (PG&E 2018). This is a conservative assumption since PG&E has already met the 33% RPS by December 31, 2020, and therefore, the CO_2 emissions intensity factor is anticipated to be less than assumed in CalEEMod at project operation (2022), which would reflect the increase in percentage of renewable energy in PG&E's energy portfolio.

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. Mobile sources for the proposed project would primarily be motor vehicles traveling to and from the proposed project. The anticipated trip generation, including the trip rates and total trips, are based on the project's TIA. Specifically,

the project would generate 362 daily trips, with an average trip length of 8.0 miles, for a total of approximately 2,900 VMT per day (Fehr and Peers 2019). Default trip generation rates included in CalEEMod were adjusted to match the proposed project's trip generation and VMT.

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, EPA and NHTSA 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 2022 to the extent it was captured in EMFAC 2014.

Stationary Sources

The project would include a natural gas emergency generator on the rooftop of each building. GHG emissions associated with operations of the generators were estimated for the routine testing and maintenance of the natural gas emergency generators, assuming up to 1 hour of operation per day and up to 50 hours of operation per year. The CalEEMod default load factor 0.73 was applied to each emergency generator.

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.

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.

3.5 Impact Analysis

3.5.1 Threshold GHG-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 proposed project would result in GHG emissions, which are primarily associated with use of off-road construction equipment, vendor and haul trucks, and worker vehicles. Since the BAAQMD has not established construction-phase GHG thresholds, construction GHG emissions were amortized assuming a 30-year development life after completion of construction and were compared to the BAAQMD operational GHG threshold. A detailed depiction of the construction schedule—including information regarding phasing, equipment utilized during each phase, trucks, and worker vehicles—is included in Appendix A. The estimated project-generated GHG emissions from construction activities are shown in Table 13.

Table 13
Estimated Annual Construction Greenhouse Gas Emissions

Construction Year	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
2020	211.22	0.04	0.00	212.12
2021	121.10	0.02	0.00	121.69
Total	**332.32**	**0.06**	**0.00**	**333.81**
			Amortized construction emissions	***11.13***

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

As shown in Table 13, the estimated total GHG emissions during construction would be approximately 334 MT CO_2e over the construction period. Estimated project-generated construction emissions amortized over 30 years would be approximately 11 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, 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); natural gas-fueled emergency generator maintenance and testing; 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, Operational Emissions.

The estimated operational project-generated GHG emissions from area sources, energy usage, motor vehicles, natural gas emergency generator stationary sources, solid waste generation, and water usage and wastewater generation are shown in Table 14.

Table 14
Estimated Annual Operational Greenhouse Gas Emissions

Emission Source	CO_2	CH_4	N_2O	CO_2e
	Metric Tons per Year			
Area	0.75	<0.01	0.00	0.76
Energy	77.14	<0.01	<0.01	77.55
Mobile	384.10	0.01	0.00	384.41
Stationary	1.28	<0.01	0.00	1.34
Solid waste	7.59	0.45	0.00	18.81
Water supply and wastewater	5.46	0.09	<0.01	8.27
Total	**476.32**	**0.56**	**<0.01**	**491.15**
			Amortized construction emissions	*11.13*
			Total operational + amortized construction GHGs	**502.28**

Source: Appendix A.
Notes: GHG = greenhouse gas; CO_2 = carbon dioxide; CH_4 = methane; N_2O = nitrous oxide; CO_2e = carbon dioxide equivalent.
These emissions reflect operational year 2022.

As shown in Table 14, estimated annual project-generated GHG emissions would be approximately 491 MT CO_2e per year as a result of project operations only. After summing the amortized project construction emissions, total GHGs generated by the project would be approximately 502 MT CO_2e per year. As such, annual operational GHG emissions with amortized construction emissions would not exceed the BAAQMD threshold of 1,100 MT CO_2e per year. Therefore, the project's GHG contribution would be less than significant and would not be cumulatively considerable.

Mitigation Measures

None required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

3.5.2 Threshold GHG-2

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

The City does not yet have an adopted Climate Action Plan or similar that would be applicable to the proposed project. However, consistency with other plans including the Scoping Plan, GHG reduction laws and regulations, the *Plan Bay Area 2040*, and future GHG reduction goals are described below.

Project Consistency with the Scoping Plan

As discussed in Section 3.2.2, the Scoping Plan (approved by CARB in 2008 and updated in 2014 and 2017) provides a framework for actions to reduce California's GHG emissions and requires CARB and other state agencies to adopt regulations and other initiatives to reduce GHGs. The Scoping Plan is not directly applicable to specific projects, nor is it intended to be used for project-level evaluations.[8] Under the Scoping Plan, however, there are several state regulatory measures aimed at the identification and reduction of GHG emissions. CARB and other state agencies have adopted many of the measures identified in the Scoping Plan. Most of these measures focus on area source emissions (e.g., energy usage, high-GWP GHGs in consumer products) and changes to the vehicle fleet (i.e., hybrid, electric, and more fuel-efficient vehicles) and associated fuels (e.g., LCFS), among others.

The Scoping Plan recommends strategies for implementation at the statewide level to meet the goals of AB 32 and establishes an overall framework for the measures that will be adopted to reduce California's GHG emissions. To the extent that these regulations are applicable to the project, its inhabitants, or uses, the project would comply with all regulations adopted in furtherance of the Scoping Plan to the extent required by law.

[8] The Final Statement of Reasons for the amendments to the CEQA Guidelines reiterates the statement in the Initial Statement of Reasons that "[t]he Scoping Plan may not be appropriate for use in determining the significance of individual projects because it is conceptual at this stage and relies on the future development of regulations to implement the strategies identified in the Scoping Plan" (CNRA 2009a).

Compliance with Applicable Laws and Regulations

Table 15 identifies laws and regulations currently in effect that reduce project-related GHG emissions. Because GHG laws and regulations continue to expand under California's climate leadership efforts, including most recently the enactment of SB 100 (2018), Table 15 presents a snapshot of these GHG laws and regulations. Since additional GHG laws and regulations are likely to apply, and listed laws and regulations are likely to continue to evolve, the scope of GHG laws and regulations applicable to GHG-emissions related to the project is anticipated to expand over time and result in lower-than-predicted GHG emissions.

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Building Components/Facility Operations		
Roofs/Ceilings/Insulation	California Energy Code (Title 24, Part 6)	The project must comply with efficiency standards regarding roofing, ceilings, and insulation (See Title 24, Part 6 Compliance Manual at Section 3.2.2.)
Flooring	CALGreen Code (Title 24, Part 11)	The project must comply with efficiency standards regarding flooring materials. For example, for 80% of floor area receiving "resilient flooring," the flooring must meet applicable installation and material requirements contained in CALGreen Code Section 5.504.4.6.
Windows and Doors (Fenestration)	California Energy Code	The project must comply with fenestration efficiency requirements. For example, the choice of windows, glazed doors, and any skylights for the project must conform to energy consumption requirements affecting size, orientation, and types of fenestration products used. (See Title 24, Part 6 Compliance Manual, Section 3.3.)
Building Walls/Insulation	CALGreen Code California Energy Code	The project must comply with efficiency requirements for building walls and insulation. Exterior Walls: Must meet requirements in current edition of California Energy Code, and comply with Section 5.407.1, which required weather-resistant exterior wall and foundation envelope as required by California Building Code Section 1403.2. Construction must also meet requirements contained in Title 24, Part 6, which vary by material of the exterior walls. (See Title 24, Part 6 Compliance Manual, Part 3.2.3.) Demising (Interior) Walls: Mandatory insulation requirements for demising walls (which separate conditioned from non-conditions space) differ by the type of wall material used. (*Id*. at 3.2.4.) Door Insulation: There are mandatory requirements for air infiltration rates to improve insulation efficiency; they differ according to the type of door. (*Id*. at 3.2.5.) Flooring Insulation: There are mandatory requirements for insulation that depend on the material and location of the flooring. (*Id*. at 3.2.6.)

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Finish Materials	CALGreen Code	The project must comply with pollutant control requirements for finish materials. For example, materials including adhesives, sealants, caulks, paints and coatings, carpet systems, and composite wood products must meet requirements in CALGreen Code to ensure pollutant control. (CALGreen Code Section 5.504.4.)
Wet Appliances (Toilets/Faucets/Urinals, Dishwasher/Clothes Washer/Water Heater)	CALGreen Code California Energy Code Appliance Efficiency Regulations (Title 20 Standards)	Wet appliances associated with the project must meet various efficiency requirements. For example: Toilets/Faucets/Urinals: Use associated with the project is subject to new maximum rates for toilets, urinals, and faucets effective July 1, 2018: • Water closets maximum flush volume 1.28 gallons per flush • Showerheads maximum flow rate 2.0 gallons per minute (gpm) at 80 pounds per square inch (psi) • Wash fountains 1.8 gpm/20 (rim space inches at 60 psi) • Metering faucets 0.20 gallons/cycle • Lavatory faucets 0.5 gpm at 60 psi • Kitchen faucets and aerators 1.8 gpm with optional temporary flow of 2.2 gpm at 60 psi • Wall mounted urinals 0.125 gallons per flush • Floor mounted urinals 0.5 gallons per flush (CALGreen Code Section 5.303.) Water Heaters: Use associated with the project is subject to appliance efficiency requirements for water heaters. (Title 20 Standards, Sections 1605.1(f), 1605.3(f).) Dishwasher/Clothes Washer: Use associated with the project is subject to appliance efficiency requirements for dishwashers and clothes washers. (Title 20 Standards, Sections 1605.1(o),(p),(q), 1605.3(o),(p),(q).)
Dry Appliances (Refrigerator/Freezer, Heater/Air Conditioner, Clothes Dryer)	Title 20 Standards CALGreen Code	Dry appliances associated with the project must meet various efficiency requirements. For example: Refrigerator/Freezer: Use associated with the project is subject to appliance efficiency requirements for refrigerators and freezers. (Title 20 Standards, Sections 1605.1(a), 1605.3(a).) Heater/Air Conditioner: Use associated with the project is subject to appliance efficiency requirements for heaters and air conditioners. (Title 20 Standards, Sections 1605.1(b),(c),(d),(e), 1605.3(b),(c),(d),(e) as applicable.) Clothes Dryer: Use associated with the project is subject to appliance efficiency requirements for clothes dryers. (Title 20 Standards, Section 1605.1(q).)
	CALGreen Code	Installations of HVAC, refrigeration and fire suppression equipment must comply with CALGreen Code Sections 5.508.1.1 and 508.1.2, which prohibits CFCs, halons, and certain HCFCs and HFCs.

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Lighting	Title 20 Standards	Lighting associated with the project will be subject to energy efficiency requirements contained in Title 20 Standards. General Lighting: Indoor and outdoor lighting associated with the project must comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(j),(k),(n), 1605.3(j),(k),(n).) Emergency lighting and self-contained lighting: the project must also comply with applicable appliance efficiency regulations (Title 20 Standards, Sections 1605.1(l), 1605.3(l).)
	California Energy Code	Lighting associated with the project will also be subject to energy efficiency requirements contained in Title 24, Part 6, which contains energy standards for non-residential indoor lighting and outdoor lighting. (See Title 24 Part 6 Compliance Manual, at Sections 5, 6.) Mandatory lighting controls for indoor lighting include, for example, regulations for automatic shut-off, automatic daytime controls, demand responsive controls, and certificates of installation. (Id. at Section 5.) Regulations for outdoor lighting include, for example, creation of lighting zones, lighting power requirements, a hardscape lighting power allowance, requirements for outdoor incandescent and luminaire lighting, and lighting control functionality. (Id. at Section 6.)
	AB 1109	Lighting associated with the project will be subject to energy efficiency requirements adopted pursuant to AB 1109. Enacted in 2007, AB 1109 required the CEC to adopt minimum energy efficiency standards for general purpose lighting, to reduce electricity consumption 50% for indoor residential lighting and 25% for indoor commercial lighting.
Bicycle and Vehicle Parking	CALGreen Code	The project will be required to provide compliant bicycle parking, fuel-efficient vehicle parking, and electric vehicle charging spaces (CALGreen Code Sections 5.106.4, 5.106.5.2, 5.106.5.3)
Landscaping	CALGreen Code	The CALGreen Code includes outdoor water efficiency provisions in Section 5.304.
	EO B-29-15	The project is also subject to emissions reduction requirements to be achieved by implementation of EO B-29-15. This emergency EO directs the Department of Water Resources to lead a statewide initiative to replace 50 million square feet of lawns and ornamental turf with drought tolerant landscapes. The order also directed the departments to update the Model Water Efficient Landscaping Ordinance, which they did in 2015.
	Model Water Efficient Landscaping Ordinance	The model ordinance promotes efficient landscaping in new developments and establishes an outdoor water budget for new and renovated landscaped areas that are 500 square feet or larger. (CCR, Title 23, Division 2, Chapter 2.7.)

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
	Cap-and-Trade Program	Transportation fuels used in landscape maintenance equipment (e.g., gasoline) would be subject to the Cap-and-Trade Program. (See "Energy Use," below.)
Refrigerants	CARB Management of High GWP Refrigerants for Stationary Sources	Any refrigerants associated with the project will be subject to CARB standards. CARB's Regulation for the Management of High GWP Refrigerants for Stationary Sources 1) reduces emissions of high-GWP refrigerants from leaky stationary, non-residential refrigeration equipment; 2) reduces emissions resulting from the installation and servicing of stationary refrigeration and air conditioning appliances using high-GWP refrigerants; and 3) requires verification GHG emission reductions. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5.1, Section 95380 et seq.)
Consumer Products	CARB High GWP GHGs in Consumer Products	All consumer products associated with the project will be subject to CARB standards. CARB's consumer products regulations set VOC limits for numerous categories of consumer products, and limits the reactivity of the ingredients used in numerous categories of aerosol coating products (CCR, Title 17, Division 3, Chapter 1, Subchapter 8.5.)
Construction		
Use of Off-Road Diesel Engines, Vehicles, and Equipment	CARB In-Use Off-Road Diesel Vehicle Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB In-Use-Off-Road Diesel Vehicle Regulation applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulation: 1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; 2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and labeled; 3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and 4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The requirements and compliance dates of the Off-Road regulation vary by fleet size, as defined by the regulation.
	Cap-and-Trade Program	Transportation fuels (e.g., gasoline) used in equipment operation would be subject to the Cap-and-Trade Program. (See "Energy Use," below.)
Pollutant Control	CALGreen Code	If an HVAC system is used during construction, the project must use return air filters with a MERV of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 5.2.1-1992. All filters must be replaced immediately prior to occupancy. (CALGreen Code Section 5.504.1.)

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Greening New Construction	CALGreen Code	All new construction, including the project, must comply with CALGreen Code, as discussed in more detail throughout this table. Adoption of the mandatory CALGreen Code standards for construction has been essential for improving the overall environmental performance of new buildings; it also sets voluntary targets for builders to exceed the mandatory requirements.
Construction Waste	CALGreen Code	The project will be subject to CALGreen Code requirements for construction waste reduction, disposal, and recycling, such as a requirement to recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction waste in accordance with Section 5.408.1.1, 5.408.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent.
Worker, vendor and truck vehicle trips (on-road vehicles)	Cap-and-Trade Program	Transportation fuels (e.g., gasoline) used in worker, vendor and truck vehicle trips would be subject to the Cap-and-Trade Program. (See "Energy Use," below.)
Solid Waste		
Solid Waste Management	Landfill Methane Control Measure	Waste associated with the project will be disposed per state requirements for landfills, material recovery facilities, and transfer stations. Per the statewide GHG emissions inventory, the largest emissions from waste management sectors come from landfills, and are in the form of CH_4. In 2010, CARB adopted a regulation that reduces emissions from methane in landfills, primarily by requiring owners and operators of certain uncontrolled municipal solid waste landfills to install gas collection and control systems, and requires existing and newly installed gas and control systems to operate in an optimal manner. The regulation allows local air districts to voluntarily enter into a memorandum of understanding with CARB to implement and enforce the regulation and to assess fees to cover costs of implementation.
	Mandatory Commercial Recycling (AB 341)	AB 341 will require the project, if it generates four cubic yards or more of commercial solid waste per week, to arrange for recycling services, using one of the following: self-haul; subscribe to a hauler(s); arranging for pickup of recyclable materials; subscribing to a recycling service that may include mixed waste processing that yields diversion results comparable to source separation. The project will also be subject to local commercial solid waste recycling program required to be implemented by each jurisdiction under AB 341.
	CALGreen Code	The project will be subject to CALGreen Code requirement to provide areas that serve the entire building and are identified for the depositing, storage and collection of nonhazardous materials for recycling (CALGreen Code Section 5.410.1)

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
Energy Use		
Electricity/Natural Gas Generation	Cap-and-Trade Program	Electricity and natural gas usage associated with the project will be subject to the Cap-and-Trade Program. The rules came into effect on January 1, 2013, applying to large electric power plants and large industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase. Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, reformulated gasoline blendstock for oxygenate blending (RBOB), distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 MT or more of CO_2e annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels (including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California.
Renewable Energy	California RPS (SB X1-2, SB 350, and SB 100)	Energy providers associated with the project will be required to comply with RPS set by SB X1 2, SB 350, and SB 100. SB X1 2 requires investor-owned utilities, publicly-owned utilities, and electric service providers to increase purchases of renewable energy such that at least 33% of retail sales are procured from renewable energy resources by December 31, 2020. In the interim, each entity was required to procure an average of 20% of renewable energy for the period of January 1, 2011 through December 31, 2013; and will be required to procure an average of 25% by December 31, 2016, and 33% by 2020. SB 350 requires retail sellers and publicly owned utilities to procure 50% of their electricity from eligible renewable energy resources by 2030. SB 100 increased the standards set forth in SB 350 establishing that 44% of the total electricity sold to retail customers in California per year by December 31, 2024, 52% by December 31, 2027, and 60% by December 31, 2030, be secured from qualifying renewable energy sources. SB 100 states that it is the policy of the state that eligible renewable energy resources and zero-carbon resources supply 100% of the retail sales of electricity to California by 2045.
	Million Solar Roofs Program (SB 1)	The project will participate in California's energy market, which is affected by implementation of the Million Solar Roofs Program. As part of Governor Schwarzenegger's Million Solar Roofs Program, California has set a goal to install 3,000 megawatts of new, solar capacity through 2016. The Million Solar Roofs Program is a ratepayer-financed incentive program aimed at transforming the market for rooftop solar systems by driving down costs over time.

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
	California Solar Initiative-Thermal Program	The project will participate in California's energy market, which is affected by implementation of the California Solar Initiative - Thermal Program. The program offers cash rebates of up to $4,366 on solar water heating systems for single-family residential customers. Multifamily and Commercial properties qualify for rebates of up to $800,000 on solar water heating systems and eligible solar pool heating systems qualify for rebates of up to $500,000. Funding for the California Solar Initiative-Thermal program comes from ratepayers of PG&E, Southern California Edison, Southern California Gas Company, and San Diego Gas & Electric. The rebate program is overseen by the CPUC as part of the California Solar Initiative.
	Waste Heat and Carbon Emissions Reduction Act (AB 1613, AB 2791)	The project will participate in California's energy market, which is affected by implementation of the Waste Heat and Carbon Emissions Reduction Act. Originally enacted in 2007 and amended in 2008, this act directed the CEC, CPUC, and CARB to implement a program that would encourage the development of new combined heat and power systems in California with a generating capacity of not more than 20 megawatts, to increase combined heat and power use by 30,000 gigawatt-hour. The CPUC publicly owned electric utilities, and CEC duly established policies and procedures for the purchase of electricity from eligible combined heat and power systems. CEC guidelines require combined heat and power systems to be designed to reduce waste energy; have a minimum efficiency of 60%; have NO_x emissions of no more than 0.07 pounds per megawatt-hour; be sized to meet eligible customer generation thermal load; operate continuously in a manner that meets expected thermal load and optimizes efficient use of waste heat; and be cost effective, technologically feasible, and environmentally beneficial.
Vehicular/Mobile Sources		
General	SB 375 and MTC and ABAG RTP/SCS	The project complies with, and is subject to, the MTC and ABAG adopted *Plan Bay Area 2040* (RTP/SCS), which CARB approved as meeting its regional GHG targets.
Fuel	Low Carbon Fuel Standard (LCFS)/ EO S-01-07	Auto trips associated with the project will be subject to LCFS (EO S-01-07), which requires a 10% or greater reduction in the average fuel carbon intensity by 2020 with a 2010 baseline for transportation fuels in California regulated by CARB. The program establishes a strong framework to promote the low carbon fuel adoption necessary to achieve the Governor's 2030 and 2050 GHG goals.
	Cap-and-Trade Program	Use of gasoline associated with the project will be subject to the Cap-and-Trade Program.

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		The rules came into effect on January 1, 2013, applying to large electric power plants and large industrial plants. In 2015, importers and distributors of fossil fuels were added to the Cap-and-Trade Program in the second phase. Specifically, on January 1, 2015, cap-and-trade compliance obligations were phased in for suppliers of natural gas, RBOB, distillate fuel oils, and liquefied petroleum gas that meet or exceed specified emissions thresholds. The threshold that triggers a cap-and-trade compliance obligation for a fuel supplier is 25,000 MT or more of CO_2e annually from the GHG emissions that would result from full combustion or oxidation of quantities of fuels (including natural gas, RBOB, distillate fuel oil, liquefied petroleum gas, and blended fuels that contain these fuels) imported and/or delivered to California.
Automotive Refrigerants	CARB Regulation for Small Containers of Automotive Refrigerant	Vehicles associated with the project will be subject to CARB's Regulation for Small Containers of Automotive Refrigerant. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 5, Section 95360 et seq.) The regulation applies to the sale, use, and disposal of small containers of automotive refrigerant with a GWP greater than 150. The regulation achieves emission reductions through implementation of four requirements: 1) use of a self-sealing valve on the container, 2) improved labeling instructions, 3) a deposit and recycling program for small containers, and 4) an education program that emphasizes best practices for vehicle recharging. This regulation went into effect on January 1, 2010 with a one-year sell-through period for containers manufactured before January 1, 2010. The target recycle rate is initially set at 90%, and rises to 95% beginning January 1, 2012.
Light-Duty Vehicles	AB 1493 (or the Pavley Standard)	Cars that drive to and from the project will be subject to AB 1493, which directed CARB to adopt a regulation requiring the maximum feasible and cost effective reduction of GHG emissions from new passenger vehicles. Pursuant to AB 1493, CARB adopted regulations that establish a declining fleet average standard for CO_2, CH_4, N_2O, and HFCs (air conditioner refrigerants) in new passenger vehicles and light-duty trucks beginning with the 2009 model year and phased-in through the 2016 model year. These standards are divided into those applicable to lighter and those applicable to heavier portions of the passenger vehicle fleet. The regulations will reduce "upstream" smog-forming emissions from refining, marketing, and distribution of fuel.
	Advanced Clean Car and ZEV Programs	Cars that drive to and from the project will be subject to the Advanced Clean Car and ZEV Programs. In January 2012, CARB approved a new emissions-control

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		program for model years 2017 through 2025. The program combines the control of smog, soot and global warming gases and requirements for greater numbers of zero-emission vehicles into a single package of standards called Advanced Clean Cars. By 2025, new automobiles will emit 34% fewer global warming gases and 75% fewer smog-forming emissions. The ZEV program will act as the focused technology of the Advanced Clean Cars program by requiring manufacturers to produce increasing numbers of ZEVs and plug-in hybrid electric vehicles in the 2018-2025 model years.
	Tire Inflation Regulation	Cars that drive to and from the project will be subject to the CARB Tire Inflation Regulation, which took effect on September 1, 2010, and applies to vehicles with a gross vehicle weight rating of 10,000 pounds or less. Under this regulation, automotive service providers must, inter alia, check and inflate each vehicle's tires to the recommended tire pressure rating, with air or nitrogen, as appropriate, at the time of performing any automotive maintenance or repair service, and to keep a copy of the service invoice for a minimum of three years, and make the vehicle service invoice available to the CARB, or its authorized representative upon request.
	EPA and NHTSA GHG and CAFE standards.	Mobile sources that travel to and from the project would be subject to EPA and NHTSA GHG and CAFE standards for passenger cars, light-duty trucks, and medium-duty passenger vehicles. (75 FR 25324–25728 and 77 FR 62624–63200.)
Medium- and Heavy-Duty Vehicles	CARB In-Use On-Road Heavy-Duty Diesel Vehicles Regulation (Truck and Bus Regulation)	Any heavy-duty trucks associated with the project will be subject to CARB standards. The regulation requires diesel trucks and buses that operate in California to be upgraded to reduce emissions. Newer heavier trucks and buses must meet PM filter requirements. Lighter and older heavier trucks must be replaced starting January 1, 2015. By January 1, 2023, nearly all trucks and buses will need to have 2010 model year engines or equivalent. The regulation applies to nearly all privately and federally owned diesel fueled trucks and buses and to privately and publicly owned school buses with a gross vehicle weight rating greater than 14,000 pounds.
	CARB In-Use Off-Road Diesel Vehicle Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB In-Use-Off-Road Diesel Vehicle Regulation applies to certain off-road diesel engines, vehicles, or equipment greater than 25 horsepower. The regulations: 1) imposes limits on idling, requires a written idling policy, and requires a disclosure when selling vehicles; 2) requires all vehicles to be reported to CARB (using the Diesel Off-Road Online Reporting System) and

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		labeled; 3) restricts the adding of older vehicles into fleets starting on January 1, 2014; and 4) requires fleets to reduce their emissions by retiring, replacing, or repowering older engines, or installing Verified Diesel Emission Control Strategies (i.e., exhaust retrofits). The requirements and compliance dates of the Off-Road regulation vary by fleet size, as defined by the regulation.
	Heavy-Duty Vehicle GHG Emission Reduction Regulation	Any relevant vehicle or machine use associated with the project will be subject to CARB standards. The CARB Heavy-Duty Vehicle GHG Emission Reduction Regulation applies to heavy-duty tractors that pull 53-foot or longer box-type trailers. (CCR, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4, Subarticle 1, Section 95300 et seq.) Fuel efficiency is improved through improvements in tractor and trailer aerodynamics and the use of low rolling resistance tires.
	EPA and NHTSA GHG and CAFE standards.	Mobile sources that travel to and from the project would be subject to EPA and NHTSA GHG and CAFE standards for medium- and heavy-duty vehicles. (76 FR 57106–57513.)
Water Use		
Water Use Efficiency	Emergency State Water Board Regulations	Water use associated with the project will be subject to emergency regulations. On May 18, 2016, partially in response to EO B-27-16, the State Water Board adopted emergency water use regulations (CCR, title 23, Section 864.5 and amended and re-adopted Sections 863, 864, 865, and 866). The regulation directs the State Water Board, Department of Water Resources, and CPUC to implement rates and pricing structures to incentivize water conservation, and calls upon water suppliers, homeowners' associations, California businesses, landlords and tenants, and wholesale water agencies to take stronger conservation measures.
	EO B-37-16	Water use associated with the project will be subject to Emergency EO B-37-16, issued May 9, 2016, which directs the State Water Resources Control Board to adjust emergency water conservation regulations through the end of January, 2017 to reflect differing water supply conditions across the state. The Water Board must also develop a proposal to achieve a mandatory reduction of potable urban water usage that builds off the mandatory 25% reduction called for in EO B-29-15. The Water Board and Department of Water Resources will develop new, permanent water use targets to which the project will be subject. The Water Board will permanently prohibit water-wasting practices such as hosing off sidewalks, driveways, and other hardscapes; washing automobiles with hoses not equipped with a shut-off nozzle; using non-recirculated water in a fountain or

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		other decorative water feature; watering lawns in a manner that causes runoff, or within 48 hours after measurable precipitation; and irrigating ornamental turf on public street medians.
	EO B-40-17	EO B-40-17 lifted the drought emergency in all California counties except Fresno, Kings, Tulare, and Tuolumne. It also rescinds EO B-29-15, but expressly states that EO B-37-16 remains in effect and directs the State Water Resources Control Board to continue development of permanent prohibitions on wasteful water use to which the project will be subject.
	SB X7-7	Water provided to the project will be affected by SB X7-7's requirements for water suppliers. SB X7-7, or the Water Conservation Act of 2009, requires all water suppliers to increase water use efficiency. It also requires, among other things, that the Department of Water Resources, in consultation with other state agencies, develop a single standardized water use reporting form, which would be used by both urban and agricultural water agencies.
	CALGreen Code	The project is subject to CALGreen Code's water efficiency standards for indoor and outdoor water use (CALGreen Code, Section 5.303, 5.304.)
	California Water Code, Division 6, Part 2.10, Sections 10910–10915.	Development and approval of the project requires the development of a project-specific Water Supply Assessment.
	Cap-and-Trade Program	Electricity usage associated with water and wastewater supply, treatment and distribution would be subject to the Cap-and-Trade Program.
	California RPS (SB X1-2, SB 350, SB 100)	Electricity usage associated with water and wastewater supply, treatment and distribution associated with the project will be required to comply with RPS set by SB X1-2, SB 350, and SB 100.
Water Recycling	Water Reclamation Requirements for Recycled Water Use. State Water Resources Control Board Order WQ 2016-0068-DDW	These requirements replace 2014-0090-DWQ General Waste Discharge Requirements for Recycled Water Use, and establish standard conditions for recycled water use and conditionally delegates authority to an Administrator to manage a Water Recycling Program and issue Water Recycling Permits to recycled water users. Only treated municipal wastewater for non-potable uses can be permitted, such as landscape irrigation, crop irrigation, dust control, industrial/commercial cooling, decorative fountains, etc. Potable reuse is not covered.
	Regulations for Groundwater Replenishment Using Recycled Water	This emergency rulemaking by the California Department of Public Health (California Title of Regulations, Title 22, Sections 60301.050 et seq.), effective June 18, 2014, applied to Groundwater Replenishment Reuse projects utilizing surface application, which

Table 15
Greenhouse Gas-Related Laws and Regulations

Project Component	Applicable Laws/ Regulations	GHG Reduction Measures Required for Project
		received initial permits from the Regional Board. The regulations address permitting and plan approval, sampling requirements, operation requirements, and ongoing reporting requirements.
	Policy for Water Quality Control for Recycled Water. State Water Resources Control Board Resolution No. 2009-0011, as amended by Resolution No. 2013-0003	The project would be subject to the State Water Resources Control Board statewide mandate to increase recycled water usage by 0.2 million acre-feet per year by 2020. However, recycled water is not currently available at the project site.

Notes: gpm = gallons per minute; psi = pounds per square inch; GHG = greenhouse gas; AB = Assembly Bill; SB = Senate Bill; EO = Executive Order; HVAC = heating, ventilation, and air conditioning; CFC = chlorofluorocarbons; HFCs = hydrofluorocarbons; HCFCs = hydrochlorofluorocarbons; CEC = California Energy Commission; CCR = California Code of Regulations; CARB = California Air Resources Board; GWP = global warming potential; VOC = volatile organic compounds; MERV = Minimum Efficiency Reporting Value; ASHRAE = American Society of Heating, Refrigerating and Air-Conditioning Engineers; CH_4 = methane; CO_2e = carbon dioxide equivalent; RBOB = reformulated blendstock for oxygenate blending; RPS = renewable portfolio standard; CPUC = California Public Utilities Commission; SCE = Southern California Edison; NO_x = oxides of nitrogen; SCAG = Southern California Association of Governments; RTP = regional transportation plan; SCS = sustainable communities strategy; LCFS = low carbon fuel standard; CO_2 = carbon dioxide; N_2O = nitrous oxide; ZEV = zero-emissions vehicle; EPA = Environmental Protection Agency; NHTSA = National Highway Traffic Safety Administration; CAFE = corporate average fuel economy; PM = particulate matter; FR = Federal Register.

As described above, the project's GHG emissions (both on and off-site) are regulated by many GHG reduction mandates. Compliance with these GHG reduction legal requirements is appropriately assumed to occur under CEQA (*Oakland Heritage Alliance v. City of Oakland* (2011) 195 Cal. App. 4th 884, 906; *Center for Biological Diversity v. Department of Fish & Wildlife* (2015) 234 Cal. App. 4th 214, 244-45).

Project Consistency with the MTC and ABAG's Plan Bay Area 2040

The MTC and ABAG's *Plan Bay Area 2040* is a regional growth management strategy that targets per capita GHG reduction from passenger vehicles and light-duty trucks for the San Francisco Bay Area pursuant to SB 375. In addition to demonstrating the region's ability to attain and exceed the GHG emission-reduction targets set forth by CARB, the *Plan Bay Area 2040* outlines a series of actions and strategies for integrating the transportation network with an overall land use pattern that responds to projected growth, housing needs, changing demographics, and transportation demands. Within the *Plan Bay Area 2040*, the core strategy includes "focused growth" in existing communities along existing transportation networks. The key to implementing the focused growth strategy are Priority Development Areas (PDAs) and Priority Conservative Areas (PCAs). In addition, the MTC and the ABAG Executive Board established seven goals and 13 performance targets to measure *Plan Bay Area 2040*'s effectiveness in addressing the major challenges facing the region. The development of the project site would support the overarching intent of the *Plan Bay Area 2040* by developing a residential

care facility consistent with the anticipated growth and uses in the City General Plan and zoning designations. The project would help the City support its aging population by adding a diversity of local services so that local residents can remain in the community as they age. Therefore, the proposed project would be consistent with applicable goals and strategies set forth in the Plan Bay Area.

Project Consistency with SB 32 and EO S-3-05

The project would not impede the attainment of the GHG reduction goals for 2030 or 2050 identified in EO S-3-05 and SB 32. As discussed in Section 3.2.2, EO S-3-05 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 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. While there are no established protocols or thresholds of significance for that future year analysis; CARB forecasts that compliance with the current Scoping Plan puts the state on a trajectory of meeting these long-term GHG goals, although the specific path to compliance is unknown (CARB 2014).

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). With regard to the 2050 target for reducing GHG emissions to 80% below 1990 levels, the First Update states the following (CARB 2014):

> 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, SB 32, and EO S-3-05. This is confirmed in the 2017 Scoping Plan, which states (CARB 2017b):

> This Scoping Plan builds upon the successful framework established by the Initial Scoping Plan and First Update, while identifying new, technologically feasible, 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 Plan includes policies to require direct GHG reductions at some of the State's largest stationary sources and mobile sources. These policies include the use of lower GHG fuels, efficiency regulations, and the Cap-and-Trade Program, which constrains and reduces emissions at covered sources.

The project would not interfere with implementation of any of the above-described GHG reduction goals for 2030 or 2050 because the project would not exceed the BAAQMD's threshold of 1,100 MT CO_2e per year (BAAQMD 2017a). As discussed in Section 3.4.1, Thresholds of Significance, this threshold was established based on the goal of AB 32 to reduce statewide GHG emissions to 1990 levels by 2020. Because the project would not exceed the threshold, this analysis provides support for the conclusion that the project would not impede the state's trajectory toward the above-described statewide GHG reduction goals for 2030 or 2050.

In addition, as discussed previously, the project is consistent with GHG emission reduction laws and regulations, the *Plan Bay Area 2040*, as well as measures in the Scoping Plan and would not conflict with the state's trajectory toward future GHG reductions. The project's consistency would assist in meeting the City's contribution to GHG emission reduction targets in California. With respect to future GHG targets under SB 32 and EO S-3-05, CARB has also made clear its legal interpretation that it has the requisite authority to adopt whatever regulations are necessary, beyond the AB 32 horizon year of 2020, to meet SB 32's 40% reduction target by 2030 and EO S-3-05's 80% reduction target by 2050; this legal interpretation by an expert agency provides evidence that future regulations will be adopted to continue the state on its trajectory toward meeting these future GHG targets. Since the specific path to compliance for the state in regards to the long-term goals will likely require development of technology or other changes that are not currently known or available, specific additional mitigation measures for the project would be speculative and cannot be identified at this time.

Based on the above considerations, the project would not conflict with an applicable plan, policy, or regulation adopted for the purpose of reducing the emissions of GHGs, and no mitigation is required. This impact would be less than significant.

Mitigation Measures

None required.

Level of Significance After Mitigation

Impacts would be less than significant without mitigation.

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

13 CCR 2449–2449.3 and Appendix A. General Requirements for In-Use Off-Road Diesel-Fueled Fleets.14 CCR 15000–15387 and Appendices A–L. Guidelines for Implementation of the California Environmental Quality Act, as amended.

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

17 CCR 93000. Substances Identified as Toxic Air Contaminants. In Subchapter 7, Toxic Air Contaminants.

24 CCR, Part 11. CALGreen 2016 Standards.

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APPENDIX A

CalEEMod Output Files

APPENDIX B

Health Risk Assessment

Palm Villas Saratoga Project

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	13.93	1000sqft	0.00	13,931.00	0
Other Asphalt Surfaces	2.06	1000sqft	0.05	2,061.00	0
Parking Lot	17.32	1000sqft	0.40	17,321.00	0
Congregate Care (Assisted Living)	41.00	Dwelling Unit	0.44	24,532.00	119

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	499.66	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted CO2 intensity based on RPS of 33% by 2020, which has already been achieved based on 2017 PCL

Land Use - 41 rooms/79 beds total. Building 1: 15.214 ksf building + 8.516 ksf underground garage; Building 2: 9.318 ksf building + 5.415 ksf underground garage. Pop = Residents + Employees

Construction Phase - Construction schedule provided by applicant

Off-road Equipment - Default

Off-road Equipment - Added trencher for utility installation

Trips and VMT - Adjusted haul trips based on 6,140 CY of export (i.e., not include the 100 CY used as fill). One-way trip length for haul trucks increased to 30 miles per applicant input

Grading - 6,240 CY of cut, 100 CY fill. Net export of 6,140 CY total exported; 16 ksf area cleared/prepped, assumed site graded multiple times
Architectural Coating - Default

Vehicle Trips - Adjusted trip rate and triplength to match daily trip generation and VMT provided by F&P

Woodstoves - Assumed there could be one potential gas fireplace in each building living space

Area Coating - Default

Energy Use - Default

Water And Wastewater - Default

Solid Waste - Default

Construction Off-road Equipment Mitigation - Equipment >= 85 hp Tier 4 Final; Water exposed areas 2x/day; Limit vehicle speeds on unpaved areas to 15 mph
Stationary Sources - Emergency Generators and Fire Pumps - 1 hour per day; 50 hours per year

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	262.00
tblConstructionPhase	NumDays	100.00	262.00
tblConstructionPhase	NumDays	2.00	44.00
tblConstructionPhase	NumDays	5.00	23.00
tblConstructionPhase	NumDays	1.00	11.00

tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	6.15	2.00
tblFireplaces	NumberNoFireplace	1.64	39.00
tblFireplaces	NumberWood	6.97	0.00
tblGrading	AcresOfGrading	0.00	5.50
tblGrading	MaterialExported	0.00	6,140.00
tblGrading	MaterialImported	0.00	100.00
tblLandUse	LandUseSquareFeet	13,930.00	13,931.00
tblLandUse	LandUseSquareFeet	2,060.00	2,061.00
tblLandUse	LandUseSquareFeet	17,320.00	17,321.00
tblLandUse	LandUseSquareFeet	41,000.00	24,532.00
tblLandUse	LotAcreage	0.32	0.00
tblLandUse	LotAcreage	2.56	0.44
tblLandUse	Population	117.00	119.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	499.66
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	40.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	60.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripNumber	780.00	768.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	5.70	8.01
tblVehicleTrips	HS_TL	4.80	8.01

tblVehicleTrips	HW_TL	10.80	8.01
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	2.20	8.83
tblVehicleTrips	SU_TR	2.44	8.83
tblVehicleTrips	WD_TR	2.74	8.83
tblWoodstoves	NumberCatalytic	0.82	0.00
tblWoodstoves	NumberNoncatalytic	0.82	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	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					
2020	0.2207	1.2738	1.0615	2.3500e-003	0.0687	0.0627	0.1314	0.0222	0.0587	0.0809	0.0000	211.2235	211.2235	0.0359	0.0000	212.1221
2021	0.1665	0.6924	0.6869	1.3600e-003	0.0316	0.0355	0.0671	8.5000e-003	0.0332	0.0417	0.0000	121.1043	121.1043	0.0234	0.0000	121.6899
Maximum	**0.2207**	**1.2738**	**1.0615**	**2.3500e-003**	**0.0687**	**0.0627**	**0.1314**	**0.0222**	**0.0587**	**0.0809**	**0.0000**	**211.2235**	**211.2235**	**0.0359**	**0.0000**	**212.1221**

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					
2020	0.1578	0.5467	1.0991	2.3500e-003	0.0562	0.0194	0.0756	0.0168	0.0190	0.0358	0.0000	211.2233	211.2233	0.0359	0.0000	212.1219
2021	0.1252	0.2127	0.7169	1.3600e-003	0.0316	7.6500e-003	0.0393	8.5000e-003	7.6300e-003	0.0161	0.0000	121.1042	121.1042	0.0234	0.0000	121.6898
Maximum	**0.1578**	**0.5467**	**1.0991**	**2.3500e-003**	**0.0562**	**0.0194**	**0.0756**	**0.0168**	**0.0190**	**0.0358**	**0.0000**	**211.2233**	**211.2233**	**0.0359**	**0.0000**	**212.1219**

	ROG	NOx	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	**26.91**	**61.38**	**-3.87**	**0.00**	**12.47**	**72.46**	**42.15**	**17.52**	**71.02**	**57.63**	**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	**4-1-2020**	**6-30-2020**	0.5291	0.3350
2	**7-1-2020**	**9-30-2020**	0.4784	0.1822
3	**10-1-2020**	**12-31-2020**	0.4772	0.1825
4	**1-1-2021**	**3-31-2021**	0.4256	0.1680
5	**4-1-2021**	**6-30-2021**	0.4289	0.1684
6	**7-1-2021**	**9-30-2021**	0.0047	0.0019
		Highest	0.5291	0.3350

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1252	3.7300e-003	0.3052	2.0000e-005		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	0.7476	0.7476	4.9000e-004	0.0000	0.7611
Energy	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	77.1404	77.1404	3.7400e-003	1.0500e-003	77.5456
Mobile	0.0914	0.4061	1.1639	4.2000e-003	0.3926	3.5200e-003	0.3961	0.1051	3.2900e-003	0.1084	0.0000	384.1027	384.1027	0.0124	0.0000	384.4133
Stationary	0.0220	2.1200e-003	0.0573	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	1.2748	1.2748	2.6700e-003	0.0000	1.3415
Waste						0.0000	0.0000		0.0000	0.0000	7.5939	0.0000	7.5939	0.4488	0.0000	18.8136
Water						0.0000	0.0000		0.0000	0.0000	0.8475	4.6119	5.4594	0.0873	2.1100e-003	8.2712
Total	**0.2405**	**0.4283**	**1.5333**	**4.3300e-003**	**0.3926**	**6.6600e-003**	**0.3992**	**0.1051**	**6.4300e-003**	**0.1115**	**8.4414**	**467.8773**	**476.3187**	**0.5554**	**3.1600e-003**	**491.1462**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1252	3.7300e-003	0.3052	2.0000e-005		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	0.7476	0.7476	4.9000e-004	0.0000	0.7611
Energy	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	77.1404	77.1404	3.7400e-003	1.0500e-003	77.5456
Mobile	0.0914	0.4061	1.1639	4.2000e-003	0.3926	3.5200e-003	0.3961	0.1051	3.2900e-003	0.1084	0.0000	384.1027	384.1027	0.0124	0.0000	384.4133
Stationary	0.0220	2.1200e-003	0.0573	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	1.2748	1.2748	2.6700e-003	0.0000	1.3415
Waste						0.0000	0.0000		0.0000	0.0000	7.5939	0.0000	7.5939	0.4488	0.0000	18.8136
Water						0.0000	0.0000		0.0000	0.0000	0.8475	4.6119	5.4594	0.0873	2.1100e-003	8.2712
Total	**0.2405**	**0.4283**	**1.5333**	**4.3300e-003**	**0.3926**	**6.6600e-003**	**0.3992**	**0.1051**	**6.4300e-003**	**0.1115**	**8.4414**	**467.8773**	**476.3187**	**0.5554**	**3.1600e-003**	**491.1462**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/1/2020	4/15/2020	5	11	
2	Grading	Grading	4/15/2020	6/15/2020	5	44	
3	Paving	Paving	6/1/2020	7/1/2020	5	23	
4	Building Construction	Building Construction	7/1/2020	7/1/2021	5	262	
5	Architectural Coating	Architectural Coating	7/1/2020	7/1/2021	5	262	

Acres of Grading (Site Preparation Phase): 5.5

Acres of Grading (Grading Phase): 5.5

Acres of Paving: 0.45

Residential Indoor: 49,677; Residential Outdoor: 16,559; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Trenchers	1	4.00	78	0.50
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37

Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	768.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	44.00	10.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9200e-003	0.0000	2.9200e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7700e-003	0.0464	0.0225	5.0000e-005		1.8400e-003	1.8400e-003		1.7000e-003	1.7000e-003	0.0000	4.7075	4.7075	1.5200e-003	0.0000	4.7456
Total	**3.7700e-003**	**0.0464**	**0.0225**	**5.0000e-005**	**2.9200e-003**	**1.8400e-003**	**4.7600e-003**	**3.1000e-004**	**1.7000e-003**	**2.0100e-003**	**0.0000**	**4.7075**	**4.7075**	**1.5200e-003**	**0.0000**	**4.7456**

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	9.0000e-005	7.0000e-005	6.9000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1870	0.1870	0.0000	0.0000	0.1872
Total	**9.0000e-005**	**7.0000e-005**	**6.9000e-004**	**0.0000**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1870**	**0.1870**	**0.0000**	**0.0000**	**0.1872**

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					1.3100e-003	0.0000	1.3100e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	2.8400e-003	0.0292	5.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	4.7075	4.7075	1.5200e-003	0.0000	4.7456
Total	**6.6000e-004**	**2.8400e-003**	**0.0292**	**5.0000e-005**	**1.3100e-003**	**9.0000e-005**	**1.4000e-003**	**1.4000e-004**	**9.0000e-005**	**2.3000e-004**	**0.0000**	**4.7075**	**4.7075**	**1.5200e-003**	**0.0000**	**4.7456**

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	9.0000e-005	7.0000e-005	6.9000e-004	0.0000	2.2000e-004	0.0000	2.2000e-004	6.0000e-005	0.0000	6.0000e-005	0.0000	0.1870	0.1870	0.0000	0.0000	0.1872
Total	**9.0000e-005**	**7.0000e-005**	**6.9000e-004**	**0.0000**	**2.2000e-004**	**0.0000**	**2.2000e-004**	**6.0000e-005**	**0.0000**	**6.0000e-005**	**0.0000**	**0.1870**	**0.1870**	**0.0000**	**0.0000**	**0.1872**

3.3 Grading - 2020

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					0.0198	0.0000	0.0198	9.4700e-003	0.0000	9.4700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.2150	0.1967	3.0000e-004		0.0134	0.0134		0.0127	0.0127	0.0000	26.1579	26.1579	5.3800e-003	0.0000	26.2925
Total	**0.0237**	**0.2150**	**0.1967**	**3.0000e-004**	**0.0198**	**0.0134**	**0.0332**	**9.4700e-003**	**0.0127**	**0.0222**	**0.0000**	**26.1579**	**26.1579**	**5.3800e-003**	**0.0000**	**26.2925**

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	4.4300e-003	0.1492	0.0314	4.3000e-004	9.7600e-003	5.3000e-004	0.0103	2.6800e-003	5.1000e-004	3.1900e-003	0.0000	42.0778	42.0778	1.7700e-003	0.0000	42.1219
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	9.5000e-004	6.8000e-004	7.1600e-003	2.0000e-005	2.2700e-003	1.0000e-005	2.2800e-003	6.0000e-004	1.0000e-005	6.2000e-004	0.0000	1.9452	1.9452	5.0000e-005	0.0000	1.9464

Total	**5.3800e-003**	**0.1499**	**0.0386**	**4.5000e-004**	**0.0120**	**5.4000e-004**	**0.0126**	**3.2800e-003**	**5.2000e-004**	**3.8100e-003**	**0.0000**	**44.0230**	**44.0230**	**1.8200e-003**	**0.0000**	**44.0683**

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					8.9200e-003	0.0000	8.9200e-003	4.2600e-003	0.0000	4.2600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.1210	0.1979	3.0000e-004		7.6900e-003	7.6900e-003		7.4400e-003	7.4400e-003	0.0000	26.1578	26.1578	5.3800e-003	0.0000	26.2924
Total	**0.0154**	**0.1210**	**0.1979**	**3.0000e-004**	**8.9200e-003**	**7.6900e-003**	**0.0166**	**4.2600e-003**	**7.4400e-003**	**0.0117**	**0.0000**	**26.1578**	**26.1578**	**5.3800e-003**	**0.0000**	**26.2924**

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	4.4300e-003	0.1492	0.0314	4.3000e-004	9.7600e-003	5.3000e-004	0.0103	2.6800e-003	5.1000e-004	3.1900e-003	0.0000	42.0778	42.0778	1.7700e-003	0.0000	42.1219
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	9.5000e-004	6.8000e-004	7.1600e-003	2.0000e-005	2.2700e-003	1.0000e-005	2.2800e-003	6.0000e-004	1.0000e-005	6.2000e-004	0.0000	1.9452	1.9452	5.0000e-005	0.0000	1.9464
Total	**5.3800e-003**	**0.1499**	**0.0386**	**4.5000e-004**	**0.0120**	**5.4000e-004**	**0.0126**	**3.2800e-003**	**5.2000e-004**	**3.8100e-003**	**0.0000**	**44.0230**	**44.0230**	**1.8200e-003**	**0.0000**	**44.0683**

3.4 Paving - 2020

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	8.8700e-003	0.0831	0.0818	1.3000e-004		4.5400e-003	4.5400e-003		4.2200e-003	4.2200e-003	0.0000	10.8019	10.8019	3.1500e-003	0.0000	10.8805
Paving	5.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.4600e-003**	**0.0831**	**0.0818**	**1.3000e-004**		**4.5400e-003**	**4.5400e-003**		**4.2200e-003**	**4.2200e-003**	**0.0000**	**10.8019**	**10.8019**	**3.1500e-003**	**0.0000**	**10.8805**

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	6.9000e-004	4.9000e-004	5.1800e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4079	1.4079	3.0000e-005	0.0000	1.4088
Total	**6.9000e-004**	**4.9000e-004**	**5.1800e-003**	**2.0000e-005**	**1.6400e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.4079**	**1.4079**	**3.0000e-005**	**0.0000**	**1.4088**

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	5.0900e-003	0.0378	0.0891	1.3000e-004		1.9600e-003	1.9600e-003		1.8500e-003	1.8500e-003	0.0000	10.8019	10.8019	3.1500e-003	0.0000	10.8805
Paving	5.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Total	**5.6800e-003**	**0.0378**	**0.0891**	**1.3000e-004**		**1.9600e-003**	**1.9600e-003**		**1.8500e-003**	**1.8500e-003**	**0.0000**	**10.8019**	**10.8019**	**3.1500e-003**	**0.0000**	**10.8805**

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	6.9000e-004	4.9000e-004	5.1800e-003	2.0000e-005	1.6400e-003	1.0000e-005	1.6500e-003	4.4000e-004	1.0000e-005	4.5000e-004	0.0000	1.4079	1.4079	3.0000e-005	0.0000	1.4088
Total	**6.9000e-004**	**4.9000e-004**	**5.1800e-003**	**2.0000e-005**	**1.6400e-003**	**1.0000e-005**	**1.6500e-003**	**4.4000e-004**	**1.0000e-005**	**4.5000e-004**	**0.0000**	**1.4079**	**1.4079**	**3.0000e-005**	**0.0000**	**1.4088**

3.5 Building Construction - 2020

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	0.0569	0.5843	0.4876	7.5000e-004		0.0345	0.0345		0.0317	0.0317	0.0000	66.0399	66.0399	0.0214	0.0000	66.5739
Total	**0.0569**	**0.5843**	**0.4876**	**7.5000e-004**		**0.0345**	**0.0345**		**0.0317**	**0.0317**	**0.0000**	**66.0399**	**66.0399**	**0.0214**	**0.0000**	**66.5739**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6200e-003	0.0752	0.0200	1.8000e-004	4.3400e-003	3.7000e-004	4.7100e-003	1.2600e-003	3.6000e-004	1.6100e-003	0.0000	17.2552	17.2552	7.9000e-004	0.0000	17.2750
Worker	9.6500e-003	6.9300e-003	0.0727	2.2000e-004	0.0230	1.5000e-004	0.0232	6.1300e-003	1.4000e-004	6.2600e-003	0.0000	19.7515	19.7515	4.8000e-004	0.0000	19.7637
Total	**0.0123**	**0.0821**	**0.0927**	**4.0000e-004**	**0.0274**	**5.2000e-004**	**0.0279**	**7.3900e-003**	**5.0000e-004**	**7.8700e-003**	**0.0000**	**37.0068**	**37.0068**	**1.2700e-003**	**0.0000**	**37.0387**

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	9.2200e-003	0.0399	0.5099	7.5000e-004		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	66.0398	66.0398	0.0214	0.0000	66.5738
Total	**9.2200e-003**	**0.0399**	**0.5099**	**7.5000e-004**		**1.2300e-003**	**1.2300e-003**		**1.2300e-003**	**1.2300e-003**	**0.0000**	**66.0398**	**66.0398**	**0.0214**	**0.0000**	**66.5738**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.6200e-003	0.0752	0.0200	1.8000e-004	4.3400e-003	3.7000e-004	4.7100e-003	1.2600e-003	3.6000e-004	1.6100e-003	0.0000	17.2552	17.2552	7.9000e-004	0.0000	17.2750

Worker	9.6500e-003	6.9300e-003	0.0727	2.2000e-004	0.0230	1.5000e-004	0.0232	6.1300e-003	1.4000e-004	6.2600e-003	0.0000	19.7515	19.7515	4.8000e-004	0.0000	19.7637
Total	**0.0123**	**0.0821**	**0.0927**	**4.0000e-004**	**0.0274**	**5.2000e-004**	**0.0279**	**7.3900e-003**	**5.0000e-004**	**7.8700e-003**	**0.0000**	**37.0068**	**37.0068**	**1.2700e-003**	**0.0000**	**37.0387**

3.5 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	0.0504	0.5190	0.4721	7.4000e-004		0.0291	0.0291		0.0268	0.0268	0.0000	65.0533	65.0533	0.0210	0.0000	65.5793
Total	**0.0504**	**0.5190**	**0.4721**	**7.4000e-004**		**0.0291**	**0.0291**		**0.0268**	**0.0268**	**0.0000**	**65.0533**	**65.0533**	**0.0210**	**0.0000**	**65.5793**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1200e-003	0.0668	0.0178	1.8000e-004	4.2800e-003	1.5000e-004	4.4200e-003	1.2400e-003	1.4000e-004	1.3800e-003	0.0000	16.8369	16.8369	7.3000e-004	0.0000	16.8553
Worker	8.8100e-003	6.1000e-003	0.0654	2.1000e-004	0.0227	1.4000e-004	0.0228	6.0300e-003	1.3000e-004	6.1600e-003	0.0000	18.7771	18.7771	4.3000e-004	0.0000	18.7878
Total	**0.0109**	**0.0729**	**0.0832**	**3.9000e-004**	**0.0270**	**2.9000e-004**	**0.0273**	**7.2700e-003**	**2.7000e-004**	**7.5400e-003**	**0.0000**	**35.6140**	**35.6140**	**1.1600e-003**	**0.0000**	**35.6430**

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	9.0800e-003	0.0393	0.5022	7.4000e-004		1.2100e-003	1.2100e-003		1.2100e-003	1.2100e-003	0.0000	65.0533	65.0533	0.0210	0.0000	65.5792
Total	**9.0800e-003**	**0.0393**	**0.5022**	**7.4000e-004**		**1.2100e-003**	**1.2100e-003**		**1.2100e-003**	**1.2100e-003**	**0.0000**	**65.0533**	**65.0533**	**0.0210**	**0.0000**	**65.5792**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	2.1200e-003	0.0668	0.0178	1.8000e-004	4.2800e-003	1.5000e-004	4.4200e-003	1.2400e-003	1.4000e-004	1.3800e-003	0.0000	16.8369	16.8369	7.3000e-004	0.0000	16.8553
Worker	8.8100e-003	6.1000e-003	0.0654	2.1000e-004	0.0227	1.4000e-004	0.0228	6.0300e-003	1.3000e-004	6.1600e-003	0.0000	18.7771	18.7771	4.3000e-004	0.0000	18.7878
Total	**0.0109**	**0.0729**	**0.0832**	**3.9000e-004**	**0.0270**	**2.9000e-004**	**0.0273**	**7.2700e-003**	**2.7000e-004**	**7.5400e-003**	**0.0000**	**35.6140**	**35.6140**	**1.1600e-003**	**0.0000**	**35.6430**

3.6 Architectural Coating - 2020

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	0.0905					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Off-Road	0.0160	0.1111	0.1209	2.0000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	16.8515	16.8515	1.3000e-003	0.0000	16.8841
Total	**0.1065**	**0.1111**	**0.1209**	**2.0000e-004**		**7.3200e-003**	**7.3200e-003**		**7.3200e-003**	**7.3200e-003**	**0.0000**	**16.8515**	**16.8515**	**1.3000e-003**	**0.0000**	**16.8841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9700e-003	1.4200e-003	0.0149	4.0000e-005	4.7100e-003	3.0000e-005	4.7400e-003	1.2500e-003	3.0000e-005	1.2800e-003	0.0000	4.0401	4.0401	1.0000e-004	0.0000	4.0426
Total	**1.9700e-003**	**1.4200e-003**	**0.0149**	**4.0000e-005**	**4.7100e-003**	**3.0000e-005**	**4.7400e-003**	**1.2500e-003**	**3.0000e-005**	**1.2800e-003**	**0.0000**	**4.0401**	**4.0401**	**1.0000e-004**	**0.0000**	**4.0426**

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	0.0905					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0160	0.1111	0.1209	2.0000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	16.8515	16.8515	1.3000e-003	0.0000	16.8841
Total	**0.1065**	**0.1111**	**0.1209**	**2.0000e-004**		**7.3200e-003**	**7.3200e-003**		**7.3200e-003**	**7.3200e-003**	**0.0000**	**16.8515**	**16.8515**	**1.3000e-003**	**0.0000**	**16.8841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9700e-003	1.4200e-003	0.0149	4.0000e-005	4.7100e-003	3.0000e-005	4.7400e-003	1.2500e-003	3.0000e-005	1.2800e-003	0.0000	4.0401	4.0401	1.0000e-004	0.0000	4.0426
Total	**1.9700e-003**	**1.4200e-003**	**0.0149**	**4.0000e-005**	**4.7100e-003**	**3.0000e-005**	**4.7400e-003**	**1.2500e-003**	**3.0000e-005**	**1.2800e-003**	**0.0000**	**4.0401**	**4.0401**	**1.0000e-004**	**0.0000**	**4.0426**

3.6 Architectural Coating - 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					
Archit. Coating	0.0891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0142	0.0992	0.1181	1.9000e-004		6.1200e-003	6.1200e-003		6.1200e-003	6.1200e-003	0.0000	16.5962	16.5962	1.1400e-003	0.0000	16.6246
Total	**0.1034**	**0.0992**	**0.1181**	**1.9000e-004**		**6.1200e-003**	**6.1200e-003**		**6.1200e-003**	**6.1200e-003**	**0.0000**	**16.5962**	**16.5962**	**1.1400e-003**	**0.0000**	**16.6246**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-003	1.2500e-003	0.0134	4.0000e-005	4.6400e-003	3.0000e-005	4.6700e-003	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	3.8408	3.8408	9.0000e-005	0.0000	3.8430
Total	**1.8000e-003**	**1.2500e-003**	**0.0134**	**4.0000e-005**	**4.6400e-003**	**3.0000e-005**	**4.6700e-003**	**1.2300e-003**	**3.0000e-005**	**1.2600e-003**	**0.0000**	**3.8408**	**3.8408**	**9.0000e-005**	**0.0000**	**3.8430**

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	0.0891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0142	0.0992	0.1181	1.9000e-004		6.1200e-003	6.1200e-003		6.1200e-003	6.1200e-003	0.0000	16.5961	16.5961	1.1400e-003	0.0000	16.6246
Total	**0.1034**	**0.0992**	**0.1181**	**1.9000e-004**		**6.1200e-003**	**6.1200e-003**		**6.1200e-003**	**6.1200e-003**	**0.0000**	**16.5961**	**16.5961**	**1.1400e-003**	**0.0000**	**16.6246**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.8000e-003	1.2500e-003	0.0134	4.0000e-005	4.6400e-003	3.0000e-005	4.6700e-003	1.2300e-003	3.0000e-005	1.2600e-003	0.0000	3.8408	3.8408	9.0000e-005	0.0000	3.8430
Total	**1.8000e-003**	**1.2500e-003**	**0.0134**	**4.0000e-005**	**4.6400e-003**	**3.0000e-005**	**4.6700e-003**	**1.2300e-003**	**3.0000e-005**	**1.2600e-003**	**0.0000**	**3.8408**	**3.8408**	**9.0000e-005**	**0.0000**	**3.8430**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0914	0.4061	1.1639	4.2000e-003	0.3926	3.5200e-003	0.3961	0.1051	3.2900e-003	0.1084	0.0000	384.1027	384.1027	0.0124	0.0000	384.4133
Unmitigated	0.0914	0.4061	1.1639	4.2000e-003	0.3926	3.5200e-003	0.3961	0.1051	3.2900e-003	0.1084	0.0000	384.1027	384.1027	0.0124	0.0000	384.4133

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	362.03	362.03	362.03	1,055,681	1,055,681
Enclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	362.03	362.03	362.03	1,055,681	1,055,681

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Congregate Care (Assisted	8.01	8.01	8.01	31.00	15.00	54.00	100	0	0
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
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
Congregate Care (Assisted Living)	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

Enclosed Parking with Elevator	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Other Asphalt Surfaces	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Parking Lot	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	58.2380	58.2380	3.3800e-003	7.0000e-004	58.5309
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	58.2380	58.2380	3.3800e-003	7.0000e-004	58.5309
NaturalGas Mitigated	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9024	18.9024	3.6000e-004	3.5000e-004	19.0147
NaturalGas Unmitigated	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9024	18.9024	3.6000e-004	3.5000e-004	19.0147

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					
Congregate Care (Assisted Living)	354217	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9024	18.9024	3.6000e-004	3.5000e-004	19.0147
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

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		**1.9100e-003**	**0.0163**	**6.9500e-003**	**1.0000e-004**		**1.3200e-003**	**1.3200e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**18.9024**	**18.9024**	**3.6000e-004**	**3.5000e-004**	**19.0147**

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					
Congregate Care (Assisted Living)	354217	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9024	18.9024	3.6000e-004	3.5000e-004	19.0147
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
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		**1.9100e-003**	**0.0163**	**6.9500e-003**	**1.0000e-004**		**1.3200e-003**	**1.3200e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**18.9024**	**18.9024**	**3.6000e-004**	**3.5000e-004**	**19.0147**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	169262	38.3620	2.2300e-003	4.6000e-004	38.5549
Enclosed Parking with Elevator	81635.7	18.5021	1.0700e-003	2.2000e-004	18.5951
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	6062.35	1.3740	8.0000e-005	2.0000e-005	1.3809

Total		**58.2380**	**3.3800e-003**	**7.0000e-004**	**58.5309**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	169262	38.3620	2.2300e-003	4.6000e-004	38.5549
Enclosed Parking with Elevator	81635.7	18.5021	1.0700e-003	2.2000e-004	18.5951
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	6062.35	1.3740	8.0000e-005	2.0000e-005	1.3809
Total		**58.2380**	**3.3800e-003**	**7.0000e-004**	**58.5309**

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	0.1252	3.7300e-003	0.3052	2.0000e-005		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	0.7476	0.7476	4.9000e-004	0.0000	0.7611
Unmitigated	0.1252	3.7300e-003	0.3052	2.0000e-005		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	0.7476	0.7476	4.9000e-004	0.0000	0.7611

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	0.0180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.0000e-005	2.2000e-004	9.0000e-005	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2497	0.2497	0.0000	0.0000	0.2512
Landscaping	9.2300e-003	3.5200e-003	0.3051	2.0000e-005		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	0.4979	0.4979	4.8000e-004	0.0000	0.5099
Total	**0.1252**	**3.7400e-003**	**0.3052**	**2.0000e-005**		**1.7000e-003**	**1.7000e-003**		**1.7000e-003**	**1.7000e-003**	**0.0000**	**0.7476**	**0.7476**	**4.8000e-004**	**0.0000**	**0.7611**

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	0.0180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.0000e-005	2.2000e-004	9.0000e-005	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2497	0.2497	0.0000	0.0000	0.2512
Landscaping	9.2300e-003	3.5200e-003	0.3051	2.0000e-005		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	0.4979	0.4979	4.8000e-004	0.0000	0.5099
Total	**0.1252**	**3.7400e-003**	**0.3052**	**2.0000e-005**		**1.7000e-003**	**1.7000e-003**		**1.7000e-003**	**1.7000e-003**	**0.0000**	**0.7476**	**0.7476**	**4.8000e-004**	**0.0000**	**0.7611**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e
Category	MT/yr			
Mitigated	5.4594	0.0873	2.1100e-003	8.2712
Unmitigated	5.4594	0.0873	2.1100e-003	8.2712

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	2.67132 / 1.68409	5.4594	0.0873	2.1100e-003	8.2712
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
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		**5.4594**	**0.0873**	**2.1100e-003**	**8.2712**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e

Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	2.67132 / 1.68409	5.4594	0.0873	2.1100e-003	8.2712
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
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		**5.4594**	**0.0873**	**2.1100e-003**	**8.2712**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	7.5939	0.4488	0.0000	18.8136
Unmitigated	7.5939	0.4488	0.0000	18.8136

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			

Congregate Care (Assisted Living)	37.41	7.5939	0.4488	0.0000	18.8136
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**7.5939**	**0.4488**	**0.0000**	**18.8136**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	37.41	7.5939	0.4488	0.0000	18.8136
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**7.5939**	**0.4488**	**0.0000**	**18.8136**

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
Emergency Generator	1	1	50	40	0.73	CNG
Emergency Generator	1	1	50	60	0.73	CNG

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - CNG	0.0220	2.1200e-003	0.0573	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	1.2748	1.2748	2.6700e-003	0.0000	1.3415
Total	**0.0220**	**2.1200e-003**	**0.0573**	**1.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**1.2748**	**1.2748**	**2.6700e-003**	**0.0000**	**1.3415**

11.0 Vegetation

Palm Villas Saratoga Project

Santa Clara County, Summer

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	13.93	1000sqft	0.00	13,931.00	0
Other Asphalt Surfaces	2.06	1000sqft	0.05	2,061.00	0
Parking Lot	17.32	1000sqft	0.40	17,321.00	0
Congregate Care (Assisted Living)	41.00	Dwelling Unit	0.44	24,532.00	119

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	499.66	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted CO2 intensity based on RPS of 33% by 2020, which has already been achieved based on 2017 PCL

Land Use - 41 rooms/79 beds total. Building 1: 15.214 ksf building + 8.516 ksf underground garage; Building 2: 9.318 ksf building + 5.415 ksf underground garage. Pop = Residents + Employees

Construction Phase - Construction schedule provided by applicant

Off-road Equipment - Default

Off-road Equipment - Added trencher for utility installation

Trips and VMT - Adjusted haul trips based on 6,140 CY of export (i.e., not include the 100 CY used as fill). One-way trip length for haul trucks increased to 30 miles per applicant input

Grading - 6,240 CY of cut, 100 CY fill. Net export of 6,140 CY total exported; 16 ksf area cleared/prepped, assumed site graded multiple times
Architectural Coating - Default

Vehicle Trips - Adjusted trip rate and triplength to match daily trip generation and VMT provided by F&P

Woodstoves - Assumed there could be one potential gas fireplace in each building living space

Area Coating - Default

Energy Use - Default

Water And Wastewater - Default

Solid Waste - Default

Construction Off-road Equipment Mitigation - Equipment >= 85 hp Tier 4 Final; Water exposed areas 2x/day; Limit vehicle speeds on unpaved areas to 15 mph
Stationary Sources - Emergency Generators and Fire Pumps - 1 hour per day; 50 hours per year

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	262.00
tblConstructionPhase	NumDays	100.00	262.00
tblConstructionPhase	NumDays	2.00	44.00
tblConstructionPhase	NumDays	5.00	23.00
tblConstructionPhase	NumDays	1.00	11.00
tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	6.15	2.00

tblFireplaces	NumberNoFireplace	1.64	39.00
tblFireplaces	NumberWood	6.97	0.00
tblGrading	AcresOfGrading	0.00	5.50
tblGrading	MaterialExported	0.00	6,140.00
tblGrading	MaterialImported	0.00	100.00
tblLandUse	LandUseSquareFeet	13,930.00	13,931.00
tblLandUse	LandUseSquareFeet	2,060.00	2,061.00
tblLandUse	LandUseSquareFeet	17,320.00	17,321.00
tblLandUse	LandUseSquareFeet	41,000.00	24,532.00
tblLandUse	LotAcreage	0.32	0.00
tblLandUse	LotAcreage	2.56	0.44
tblLandUse	Population	117.00	119.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	499.66
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	40.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	60.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripNumber	780.00	768.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	5.70	8.01
tblVehicleTrips	HS_TL	4.80	8.01
tblVehicleTrips	HW_TL	10.80	8.01
tblVehicleTrips	PB_TP	3.00	0.00

tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	2.20	8.83
tblVehicleTrips	SU_TR	2.44	8.83
tblVehicleTrips	WD_TR	2.74	8.83
tblWoodstoves	NumberCatalytic	0.82	0.00
tblWoodstoves	NumberNoncatalytic	0.82	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	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					
2020	3.5836	24.8582	18.5692	0.0473	2.0369	1.0376	3.0066	0.6523	0.9678	1.5912	0.0000	4,714.7273	4,714.7273	0.7069	0.0000	4,731.3423
2021	2.5677	10.6295	10.6730	0.0212	0.5031	0.5465	1.0496	0.1350	0.5104	0.6454	0.0000	2,085.6289	2,085.6289	0.3975	0.0000	2,095.5667
Maximum	**3.5836**	**24.8582**	**18.5692**	**0.0473**	**2.0369**	**1.0376**	**3.0066**	**0.6523**	**0.9678**	**1.5912**	**0.0000**	**4,714.7273**	**4,714.7273**	**0.7069**	**0.0000**	**4,731.3423**

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					
2020	2.5322	15.4732	19.5441	0.0473	1.2495	0.5455	1.6632	0.3866	0.5237	0.9103	0.0000	4,714.7273	4,714.7273	0.7069	0.0000	4,731.3423
2021	1.9324	3.2497	11.1355	0.0212	0.5031	0.1176	0.6207	0.1350	0.1173	0.2523	0.0000	2,085.6289	2,085.6289	0.3975	0.0000	2,095.5667
Maximum	**2.5322**	**15.4732**	**19.5441**	**0.0473**	**1.2495**	**0.5455**	**1.6632**	**0.3866**	**0.5237**	**0.9103**	**0.0000**	**4,714.7273**	**4,714.7273**	**0.7069**	**0.0000**	**4,731.3423**

	ROG	**NOx**	**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	**27.42**	**47.24**	**-4.92**	**0.00**	**31.00**	**58.14**	**43.69**	**33.75**	**56.64**	**48.02**	**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	0.7423	0.0778	3.4061	4.3000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	55.5097	55.5097	6.8400e-003	9.1000e-004	55.9507
Energy	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
Mobile	0.5721	2.1534	6.8093	0.0245	2.2331	0.0193	2.2524	0.5961	0.0180	0.6141		2,467.4232	2,467.4232	0.0767		2,469.3406
Stationary	0.8798	0.0847	2.2914	3.1000e-004		4.8500e-003	4.8500e-003		4.8500e-003	4.8500e-003		56.2110	56.2110	0.1175		59.1492
Total	**2.2047**	**2.4053**	**12.5448**	**0.0258**	**2.2331**	**0.0532**	**2.2863**	**0.5961**	**0.0520**	**0.6480**	**0.0000**	**2,693.3155**	**2,693.3155**	**0.2033**	**3.0000e-003**	**2,699.2906**

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	0.7423	0.0778	3.4061	4.3000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	55.5097	55.5097	6.8400e-003	9.1000e-004	55.9507
Energy	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
Mobile	0.5721	2.1534	6.8093	0.0245	2.2331	0.0193	2.2524	0.5961	0.0180	0.6141		2,467.4232	2,467.4232	0.0767		2,469.3406
Stationary	0.8798	0.0847	2.2914	3.1000e-004		4.8500e-003	4.8500e-003		4.8500e-003	4.8500e-003		56.2110	56.2110	0.1175		59.1492
Total	**2.2047**	**2.4053**	**12.5448**	**0.0258**	**2.2331**	**0.0532**	**2.2863**	**0.5961**	**0.0520**	**0.6480**	**0.0000**	**2,693.3155**	**2,693.3155**	**0.2033**	**3.0000e-003**	**2,699.2906**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/1/2020	4/15/2020	5	11	
2	Grading	Grading	4/15/2020	6/15/2020	5	44	
3	Paving	Paving	6/1/2020	7/1/2020	5	23	
4	Building Construction	Building Construction	7/1/2020	7/1/2021	5	262	
5	Architectural Coating	Architectural Coating	7/1/2020	7/1/2021	5	262	

Acres of Grading (Site Preparation Phase): 5.5

Acres of Grading (Grading Phase): 5.5

Acres of Paving: 0.45

Residential Indoor: 49,677; Residential Outdoor: 16,559; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Trenchers	1	4.00	78	0.50
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	768.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	44.00	10.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2020

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.5303**	**0.3353**	**0.8656**	**0.0573**	**0.3085**	**0.3658**		**943.4872**	**943.4872**	**0.3051**		**951.1158**

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	0.0174	0.0107	0.1375	4.0000e-004	0.0411	2.6000e-004	0.0413	0.0109	2.4000e-004	0.0111		40.3003	40.3003	9.9000e-004		40.3250
Total	**0.0174**	**0.0107**	**0.1375**	**4.0000e-004**	**0.0411**	**2.6000e-004**	**0.0413**	**0.0109**	**2.4000e-004**	**0.0111**		**40.3003**	**40.3003**	**9.9000e-004**		**40.3250**

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					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.1191	0.5162	5.3170	9.7400e-003		0.0159	0.0159		0.0159	0.0159	0.0000	943.4872	943.4872	0.3051		951.1158
Total	**0.1191**	**0.5162**	**5.3170**	**9.7400e-003**	**0.2386**	**0.0159**	**0.2545**	**0.0258**	**0.0159**	**0.0416**	**0.0000**	**943.4872**	**943.4872**	**0.3051**		**951.1158**

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	0.0174	0.0107	0.1375	4.0000e-004	0.0411	2.6000e-004	0.0413	0.0109	2.4000e-004	0.0111		40.3003	40.3003	9.9000e-004		40.3250
Total	**0.0174**	**0.0107**	**0.1375**	**4.0000e-004**	**0.0411**	**2.6000e-004**	**0.0413**	**0.0109**	**2.4000e-004**	**0.0111**		**40.3003**	**40.3003**	**9.9000e-004**		**40.3250**

3.3 Grading - 2020

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					0.9014	0.0000	0.9014	0.4305	0.0000	0.4305			0.0000			0.0000
Off-Road	1.0773	9.7711	8.9407	0.0137		0.6093	0.6093		0.5764	0.5764		1,310.6413	1,310.6413	0.2698		1,317.3851
Total	**1.0773**	**9.7711**	**8.9407**	**0.0137**	**0.9014**	**0.6093**	**1.5107**	**0.4305**	**0.5764**	**1.0070**		**1,310.6413**	**1,310.6413**	**0.2698**		**1,317.3851**

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	0.1998	6.6180	1.4000	0.0199	0.4574	0.0241	0.4815	0.1253	0.0231	0.1484		2,118.8315	2,118.8315	0.0872		2,121.0102
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	0.0452	0.0278	0.3575	1.0500e-003	0.1068	6.7000e-004	0.1075	0.0283	6.1000e-004	0.0289		104.7808	104.7808	2.5600e-003		104.8449
Total	**0.2450**	**6.6457**	**1.7575**	**0.0209**	**0.5642**	**0.0248**	**0.5890**	**0.1537**	**0.0237**	**0.1774**		**2,223.6123**	**2,223.6123**	**0.0897**		**2,225.8551**

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					0.4056	0.0000	0.4056	0.1937	0.0000	0.1937			0.0000			0.0000
Off-Road	0.6981	5.5004	8.9970	0.0137		0.3496	0.3496		0.3382	0.3382	0.0000	1,310.6413	1,310.6413	0.2698		1,317.3851
Total	**0.6981**	**5.5004**	**8.9970**	**0.0137**	**0.4056**	**0.3496**	**0.7552**	**0.1937**	**0.3382**	**0.5320**	**0.0000**	**1,310.6413**	**1,310.6413**	**0.2698**		**1,317.3851**

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	0.1998	6.6180	1.4000	0.0199	0.4574	0.0241	0.4815	0.1253	0.0231	0.1484		2,118.8315	2,118.8315	0.0872		2,121.0102
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	0.0452	0.0278	0.3575	1.0500e-003	0.1068	6.7000e-004	0.1075	0.0283	6.1000e-004	0.0289		104.7808	104.7808	2.5600e-003		104.8449
Total	**0.2450**	**6.6457**	**1.7575**	**0.0209**	**0.5642**	**0.0248**	**0.5890**	**0.1537**	**0.0237**	**0.1774**		**2,223.6123**	**2,223.6123**	**0.0897**		**2,225.8551**

3.4 Paving - 2020

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	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669		1,035.3926	1,035.3926	0.3016		1,042.9323

Paving	0.0513					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8228**	**7.2266**	**7.1128**	**0.0113**		**0.3950**	**0.3950**		**0.3669**	**0.3669**		**1,035.3926**	**1,035.3926**	**0.3016**		**1,042.9323**

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	0.0626	0.0384	0.4951	1.4600e-003	0.1479	9.2000e-004	0.1488	0.0392	8.5000e-004	0.0401		145.0812	145.0812	3.5500e-003		145.1699
Total	**0.0626**	**0.0384**	**0.4951**	**1.4600e-003**	**0.1479**	**9.2000e-004**	**0.1488**	**0.0392**	**8.5000e-004**	**0.0401**		**145.0812**	**145.0812**	**3.5500e-003**		**145.1699**

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	0.4422	3.2886	7.7490	0.0113		0.1702	0.1702		0.1609	0.1609	0.0000	1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	0.0513					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4935**	**3.2886**	**7.7490**	**0.0113**		**0.1702**	**0.1702**		**0.1609**	**0.1609**	**0.0000**	**1,035.3926**	**1,035.3926**	**0.3016**		**1,042.9323**

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	0.0626	0.0384	0.4951	1.4600e-003	0.1479	9.2000e-004	0.1488	0.0392	8.5000e-004	0.0401		145.0812	145.0812	3.5500e-003		145.1699
Total	**0.0626**	**0.0384**	**0.4951**	**1.4600e-003**	**0.1479**	**9.2000e-004**	**0.1488**	**0.0392**	**8.5000e-004**	**0.0401**		**145.0812**	**145.0812**	**3.5500e-003**		**145.1699**

3.5 Building Construction - 2020

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.9781	1,102.9781	0.3567		1,111.8962
Total	**0.8617**	**8.8523**	**7.3875**	**0.0114**		**0.5224**	**0.5224**		**0.4806**	**0.4806**		**1,102.9781**	**1,102.9781**	**0.3567**		**1,111.8962**

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	0.0389	1.1246	0.2848	2.7600e-003	0.0677	5.6000e-003	0.0733	0.0195	5.3600e-003	0.0249		291.2989	291.2989	0.0128		291.6184
Worker	0.1529	0.0939	1.2101	3.5600e-003	0.3615	2.2500e-003	0.3637	0.0959	2.0800e-003	0.0980		354.6428	354.6428	8.6800e-003		354.8598
Total	**0.1918**	**1.2185**	**1.4949**	**6.3200e-003**	**0.4292**	**7.8500e-003**	**0.4370**	**0.1154**	**7.4400e-003**	**0.1228**		**645.9417**	**645.9417**	**0.0215**		**646.4781**

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	0.1397	0.6052	7.7261	0.0114		0.0186	0.0186		0.0186	0.0186	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	**0.1397**	**0.6052**	**7.7261**	**0.0114**		**0.0186**	**0.0186**		**0.0186**	**0.0186**	**0.0000**	**1,102.9781**	**1,102.9781**	**0.3567**		**1,111.8962**

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	0.0389	1.1246	0.2848	2.7600e-003	0.0677	5.6000e-003	0.0733	0.0195	5.3600e-003	0.0249		291.2989	291.2989	0.0128		291.6184
Worker	0.1529	0.0939	1.2101	3.5600e-003	0.3615	2.2500e-003	0.3637	0.0959	2.0800e-003	0.0980		354.6428	354.6428	8.6800e-003		354.8598
Total	**0.1918**	**1.2185**	**1.4949**	**6.3200e-003**	**0.4292**	**7.8500e-003**	**0.4370**	**0.1154**	**7.4400e-003**	**0.1228**		**645.9417**	**645.9417**	**0.0215**		**646.4781**

3.5 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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**		**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

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	0.0319	1.0166	0.2562	2.7300e-003	0.0677	2.2500e-003	0.0700	0.0195	2.1500e-003	0.0216		288.6193	288.6193	0.0120		288.9200
Worker	0.1417	0.0840	1.1088	3.4300e-003	0.3615	2.2000e-003	0.3637	0.0959	2.0200e-003	0.0979		342.3248	342.3248	7.7800e-003		342.5192
Total	**0.1736**	**1.1005**	**1.3650**	**6.1600e-003**	**0.4292**	**4.4500e-003**	**0.4336**	**0.1154**	**4.1700e-003**	**0.1195**		**630.9441**	**630.9441**	**0.0198**		**631.4392**

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	0.1397	0.6052	7.7261	0.0114		0.0186	0.0186		0.0186	0.0186	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

Total	**0.1397**	**0.6052**	**7.7261**	**0.0114**		**0.0186**	**0.0186**		**0.0186**	**0.0186**	**0.0000**	**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

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	0.0319	1.0166	0.2562	2.7300e-003	0.0677	2.2500e-003	0.0700	0.0195	2.1500e-003	0.0216		288.6193	288.6193	0.0120		288.9200
Worker	0.1417	0.0840	1.1088	3.4300e-003	0.3615	2.2000e-003	0.3637	0.0959	2.0200e-003	0.0979		342.3248	342.3248	7.7800e-003		342.5192
Total	**0.1736**	**1.1005**	**1.3650**	**6.1600e-003**	**0.4292**	**4.4500e-003**	**0.4336**	**0.1154**	**4.1700e-003**	**0.1195**		**630.9441**	**630.9441**	**0.0198**		**631.4392**

3.6 Architectural Coating - 2020

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	1.3713					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**1.6135**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0313	0.0192	0.2475	7.3000e-004	0.0739	4.6000e-004	0.0744	0.0196	4.2000e-004	0.0200		72.5406	72.5406	1.7800e-003		72.5850
Total	**0.0313**	**0.0192**	**0.2475**	**7.3000e-004**	**0.0739**	**4.6000e-004**	**0.0744**	**0.0196**	**4.2000e-004**	**0.0200**		**72.5406**	**72.5406**	**1.7800e-003**		**72.5850**

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	1.3713					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**1.6135**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0313	0.0192	0.2475	7.3000e-004	0.0739	4.6000e-004	0.0744	0.0196	4.2000e-004	0.0200		72.5406	72.5406	1.7800e-003		72.5850
Total	**0.0313**	**0.0192**	**0.2475**	**7.3000e-004**	**0.0739**	**4.6000e-004**	**0.0744**	**0.0196**	**4.2000e-004**	**0.0200**		**72.5406**	**72.5406**	**1.7800e-003**		**72.5850**

3.6 Architectural Coating - 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					
Archit. Coating	1.3713					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**1.5902**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0290	0.0172	0.2268	7.0000e-004	0.0739	4.5000e-004	0.0744	0.0196	4.1000e-004	0.0200		70.0210	70.0210	1.5900e-003		70.0608
Total	**0.0290**	**0.0172**	**0.2268**	**7.0000e-004**	**0.0739**	**4.5000e-004**	**0.0744**	**0.0196**	**4.1000e-004**	**0.0200**		**70.0210**	**70.0210**	**1.5900e-003**		**70.0608**

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	1.3713					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**1.5902**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0290	0.0172	0.2268	7.0000e-004	0.0739	4.5000e-004	0.0744	0.0196	4.1000e-004	0.0200		70.0210	70.0210	1.5900e-003		70.0608
Total	**0.0290**	**0.0172**	**0.2268**	**7.0000e-004**	**0.0739**	**4.5000e-004**	**0.0744**	**0.0196**	**4.1000e-004**	**0.0200**		**70.0210**	**70.0210**	**1.5900e-003**		**70.0608**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.5721	2.1534	6.8093	0.0245	2.2331	0.0193	2.2524	0.5961	0.0180	0.6141		2,467.4232	2,467.4232	0.0767		2,469.3406
Unmitigated	0.5721	2.1534	6.8093	0.0245	2.2331	0.0193	2.2524	0.5961	0.0180	0.6141		2,467.4232	2,467.4232	0.0767		2,469.3406

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	362.03	362.03	362.03	1,055,681	1,055,681
Enclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	362.03	362.03	362.03	1,055,681	1,055,681

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Congregate Care (Assisted Living)	8.01	8.01	8.01	31.00	15.00	54.00	100	0	0
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
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
Congregate Care (Assisted Living)	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Enclosed Parking with Elevator	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Other Asphalt Surfaces	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Parking Lot	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
NaturalGas Unmitigated	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501

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					
Congregate Care (Assisted Living)	970.459	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
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
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		**0.0105**	**0.0894**	**0.0381**	**5.7000e-004**		**7.2300e-003**	**7.2300e-003**		**7.2300e-003**	**7.2300e-003**		**114.1716**	**114.1716**	**2.1900e-003**	**2.0900e-003**	**114.8501**

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					
Congregate Care (Assisted Living)	0.970459	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
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
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		**0.0105**	**0.0894**	**0.0381**	**5.7000e-004**		**7.2300e-003**	**7.2300e-003**		**7.2300e-003**	**7.2300e-003**		**114.1716**	**114.1716**	**2.1900e-003**	**2.0900e-003**	**114.8501**

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	0.7423	0.0778	3.4061	4.3000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	55.5097	55.5097	6.8400e-003	9.1000e-004	55.9507
Unmitigated	0.7423	0.0778	3.4061	4.3000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	55.5097	55.5097	6.8400e-003	9.1000e-004	55.9507

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0984					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5368					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	4.5300e-003	0.0387	0.0165	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003	0.0000	49.4118	49.4118	9.5000e-004	9.1000e-004	49.7054
Landscaping	0.1026	0.0391	3.3896	1.8000e-004		0.0187	0.0187		0.0187	0.0187		6.0979	6.0979	5.9000e-003		6.2453
Total	**0.7423**	**0.0778**	**3.4061**	**4.3000e-004**		**0.0219**	**0.0219**		**0.0219**	**0.0219**	**0.0000**	**55.5097**	**55.5097**	**6.8500e-003**	**9.1000e-004**	**55.9507**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0984					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5368					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	4.5300e-003	0.0387	0.0165	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003	0.0000	49.4118	49.4118	9.5000e-004	9.1000e-004	49.7054
Landscaping	0.1026	0.0391	3.3896	1.8000e-004		0.0187	0.0187		0.0187	0.0187		6.0979	6.0979	5.9000e-003		6.2453
Total	**0.7423**	**0.0778**	**3.4061**	**4.3000e-004**		**0.0219**	**0.0219**		**0.0219**	**0.0219**	**0.0000**	**55.5097**	**55.5097**	**6.8500e-003**	**9.1000e-004**	**55.9507**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	1	50	40	0.73	CNG
Emergency Generator	1	1	50	60	0.73	CNG

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - CNG	0.8798	0.0847	2.2914	3.1000e-004		4.8500e-003	4.8500e-003		4.8500e-003	4.8500e-003		56.2110	56.2110	0.1175		59.1492
Total	**0.8798**	**0.0847**	**2.2914**	**3.1000e-004**		**4.8500e-003**	**4.8500e-003**		**4.8500e-003**	**4.8500e-003**		**56.2110**	**56.2110**	**0.1175**		**59.1492**

11.0 Vegetation

Palm Villas Saratoga Project

Santa Clara County, Winter

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	13.93	1000sqft	0.00	13,931.00	0
Other Asphalt Surfaces	2.06	1000sqft	0.05	2,061.00	0
Parking Lot	17.32	1000sqft	0.40	17,321.00	0
Congregate Care (Assisted Living)	41.00	Dwelling Unit	0.44	24,532.00	119

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	499.66	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted CO2 intensity based on RPS of 33% by 2020, which has already been achieved based on 2017 PCL

Land Use - 41 rooms/79 beds total. Building 1: 15.214 ksf building + 8.516 ksf underground garage; Building 2: 9.318 ksf building + 5.415 ksf underground garage. Pop = Residents + Employees

Construction Phase - Construction schedule provided by applicant

Off-road Equipment - Default

Off-road Equipment - Added trencher for utility installation

Trips and VMT - Adjusted haul trips based on 6,140 CY of export (i.e., not include the 100 CY used as fill). One-way trip length for haul trucks increased to 30 miles per applicant input

Grading - 6,240 CY of cut, 100 CY fill. Net export of 6,140 CY total exported; 16 ksf area cleared/prepped, assumed site graded multiple times
Architectural Coating - Default

Vehicle Trips - Adjusted trip rate and triplength to match daily trip generation and VMT provided by F&P

Woodstoves - Assumed there could be one potential gas fireplace in each building living space

Area Coating - Default

Energy Use - Default

Water And Wastewater - Default

Solid Waste - Default

Construction Off-road Equipment Mitigation - Equipment >= 85 hp Tier 4 Final; Water exposed areas 2x/day; Limit vehicle speeds on unpaved areas to 15 mph
Stationary Sources - Emergency Generators and Fire Pumps - 1 hour per day; 50 hours per year

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	5.00	262.00
tblConstructionPhase	NumDays	100.00	262.00
tblConstructionPhase	NumDays	2.00	44.00
tblConstructionPhase	NumDays	5.00	23.00
tblConstructionPhase	NumDays	1.00	11.00

tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	6.15	2.00
tblFireplaces	NumberNoFireplace	1.64	39.00
tblFireplaces	NumberWood	6.97	0.00
tblGrading	AcresOfGrading	0.00	5.50
tblGrading	MaterialExported	0.00	6,140.00
tblGrading	MaterialImported	0.00	100.00
tblLandUse	LandUseSquareFeet	13,930.00	13,931.00
tblLandUse	LandUseSquareFeet	2,060.00	2,061.00
tblLandUse	LandUseSquareFeet	17,320.00	17,321.00
tblLandUse	LandUseSquareFeet	41,000.00	24,532.00
tblLandUse	LotAcreage	0.32	0.00
tblLandUse	LotAcreage	2.56	0.44
tblLandUse	Population	117.00	119.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	499.66
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	40.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	60.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripLength	20.00	30.00
tblTripsAndVMT	HaulingTripNumber	780.00	768.00
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	5.70	8.01
tblVehicleTrips	HS_TL	4.80	8.01

tblVehicleTrips	HW_TL	10.80	8.01
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	2.20	8.83
tblVehicleTrips	SU_TR	2.44	8.83
tblVehicleTrips	WD_TR	2.74	8.83
tblWoodstoves	NumberCatalytic	0.82	0.00
tblWoodstoves	NumberNoncatalytic	0.82	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	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					
2020	3.6014	25.0797	18.4656	0.0469	2.0369	1.0377	3.0068	0.6523	0.9681	1.5915	0.0000	4,669.3573	4,669.3573	0.7069	0.0000	4,686.0380
2021	2.5808	10.6610	10.6076	0.0208	0.5031	0.5466	1.0497	0.1350	0.5105	0.6455	0.0000	2,044.7614	2,044.7614	0.3978	0.0000	2,054.7058
Maximum	**3.6014**	**25.0797**	**18.4656**	**0.0469**	**2.0369**	**1.0377**	**3.0068**	**0.6523**	**0.9681**	**1.5915**	**0.0000**	**4,669.3573**	**4,669.3573**	**0.7069**	**0.0000**	**4,686.0380**

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					
2020	2.5500	15.7008	19.4405	0.0469	1.2495	0.5458	1.6634	0.3866	0.5239	0.9106	0.0000	4,669.3573	4,669.3573	0.7069	0.0000	4,686.0380
2021	1.9455	3.2812	11.0701	0.0208	0.5031	0.1177	0.6208	0.1350	0.1174	0.2524	0.0000	2,044.7614	2,044.7614	0.3978	0.0000	2,054.7058
Maximum	**2.5500**	**15.7008**	**19.4405**	**0.0469**	**1.2495**	**0.5458**	**1.6634**	**0.3866**	**0.5239**	**0.9106**	**0.0000**	**4,669.3573**	**4,669.3573**	**0.7069**	**0.0000**	**4,686.0380**

	ROG	**NOx**	**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	**27.28**	**46.89**	**-4.94**	**0.00**	**31.00**	**58.12**	**43.69**	**33.75**	**56.63**	**48.01**	**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	0.7423	0.0778	3.4061	4.3000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	55.5097	55.5097	6.8400e-003	9.1000e-004	55.9507
Energy	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
Mobile	0.4993	2.2827	6.6094	0.0228	2.2331	0.0194	2.2525	0.5961	0.0181	0.6142		2,300.6726	2,300.6726	0.0767		2,302.5892
Stationary	0.8798	0.0847	2.2914	3.1000e-004		4.8500e-003	4.8500e-003		4.8500e-003	4.8500e-003		56.2110	56.2110	0.1175		59.1492
Total	**2.1319**	**2.5347**	**12.3450**	**0.0241**	**2.2331**	**0.0533**	**2.2864**	**0.5961**	**0.0521**	**0.6481**	**0.0000**	**2,526.5648**	**2,526.5648**	**0.2032**	**3.0000e-003**	**2,532.5392**

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	0.7423	0.0778	3.4061	4.3000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	55.5097	55.5097	6.8400e-003	9.1000e-004	55.9507
Energy	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
Mobile	0.4993	2.2827	6.6094	0.0228	2.2331	0.0194	2.2525	0.5961	0.0181	0.6142		2,300.6726	2,300.6726	0.0767		2,302.5892
Stationary	0.8798	0.0847	2.2914	3.1000e-004		4.8500e-003	4.8500e-003		4.8500e-003	4.8500e-003		56.2110	56.2110	0.1175		59.1492
Total	**2.1319**	**2.5347**	**12.3450**	**0.0241**	**2.2331**	**0.0533**	**2.2864**	**0.5961**	**0.0521**	**0.6481**	**0.0000**	**2,526.5648**	**2,526.5648**	**0.2032**	**3.0000e-003**	**2,532.5392**

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

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/1/2020	4/15/2020	5	11	
2	Grading	Grading	4/15/2020	6/15/2020	5	44	
3	Paving	Paving	6/1/2020	7/1/2020	5	23	
4	Building Construction	Building Construction	7/1/2020	7/1/2021	5	262	
5	Architectural Coating	Architectural Coating	7/1/2020	7/1/2021	5	262	

Acres of Grading (Site Preparation Phase): 5.5

Acres of Grading (Grading Phase): 5.5

Acres of Paving: 0.45

Residential Indoor: 49,677; Residential Outdoor: 16,559; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking Area:

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Trenchers	1	4.00	78	0.50
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20
Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	768.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Building Construction	5	44.00	10.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	10.80	7.30	30.00	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2020

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					0.5303	0.0000	0.5303	0.0573	0.0000	0.0573			0.0000			0.0000
Off-Road	0.6853	8.4307	4.0942	9.7400e-003		0.3353	0.3353		0.3085	0.3085		943.4872	943.4872	0.3051		951.1158
Total	**0.6853**	**8.4307**	**4.0942**	**9.7400e-003**	**0.5303**	**0.3353**	**0.8656**	**0.0573**	**0.3085**	**0.3658**		**943.4872**	**943.4872**	**0.3051**		**951.1158**

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	0.0185	0.0130	0.1274	3.7000e-004	0.0411	2.6000e-004	0.0413	0.0109	2.4000e-004	0.0111		37.0233	37.0233	9.2000e-004		37.0463
Total	**0.0185**	**0.0130**	**0.1274**	**3.7000e-004**	**0.0411**	**2.6000e-004**	**0.0413**	**0.0109**	**2.4000e-004**	**0.0111**		**37.0233**	**37.0233**	**9.2000e-004**		**37.0463**

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					0.2386	0.0000	0.2386	0.0258	0.0000	0.0258			0.0000			0.0000
Off-Road	0.1191	0.5162	5.3170	9.7400e-003		0.0159	0.0159		0.0159	0.0159	0.0000	943.4872	943.4872	0.3051		951.1158
Total	**0.1191**	**0.5162**	**5.3170**	**9.7400e-003**	**0.2386**	**0.0159**	**0.2545**	**0.0258**	**0.0159**	**0.0416**	**0.0000**	**943.4872**	**943.4872**	**0.3051**		**951.1158**

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	0.0185	0.0130	0.1274	3.7000e-004	0.0411	2.6000e-004	0.0413	0.0109	2.4000e-004	0.0111		37.0233	37.0233	9.2000e-004		37.0463
Total	**0.0185**	**0.0130**	**0.1274**	**3.7000e-004**	**0.0411**	**2.6000e-004**	**0.0413**	**0.0109**	**2.4000e-004**	**0.0111**		**37.0233**	**37.0233**	**9.2000e-004**		**37.0463**

3.3 Grading - 2020

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					0.9014	0.0000	0.9014	0.4305	0.0000	0.4305			0.0000			0.0000
Off-Road	1.0773	9.7711	8.9407	0.0137		0.6093	0.6093		0.5764	0.5764		1,310.6413	1,310.6413	0.2698		1,317.3851
Total	**1.0773**	**9.7711**	**8.9407**	**0.0137**	**0.9014**	**0.6093**	**1.5107**	**0.4305**	**0.5764**	**1.0070**		**1,310.6413**	**1,310.6413**	**0.2698**		**1,317.3851**

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	0.2037	6.8309	1.4699	0.0196	0.4574	0.0244	0.4818	0.1253	0.0233	0.1487		2,093.7789	2,093.7789	0.0902		2,096.0339
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	0.0481	0.0339	0.3313	9.7000e-004	0.1068	6.7000e-004	0.1075	0.0283	6.1000e-004	0.0289		96.2606	96.2606	2.3900e-003		96.3203
Total	**0.2518**	**6.8648**	**1.8012**	**0.0206**	**0.5642**	**0.0251**	**0.5892**	**0.1537**	**0.0239**	**0.1776**		**2,190.0395**	**2,190.0395**	**0.0926**		**2,192.3542**

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					0.4056	0.0000	0.4056	0.1937	0.0000	0.1937			0.0000			0.0000
Off-Road	0.6981	5.5004	8.9970	0.0137		0.3496	0.3496		0.3382	0.3382	0.0000	1,310.6413	1,310.6413	0.2698		1,317.3851
Total	**0.6981**	**5.5004**	**8.9970**	**0.0137**	**0.4056**	**0.3496**	**0.7552**	**0.1937**	**0.3382**	**0.5320**	**0.0000**	**1,310.6413**	**1,310.6413**	**0.2698**		**1,317.3851**

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	0.2037	6.8309	1.4699	0.0196	0.4574	0.0244	0.4818	0.1253	0.0233	0.1487		2,093.7789	2,093.7789	0.0902		2,096.0339
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	0.0481	0.0339	0.3313	9.7000e-004	0.1068	6.7000e-004	0.1075	0.0283	6.1000e-004	0.0289		96.2606	96.2606	2.3900e-003		96.3203
Total	**0.2518**	**6.8648**	**1.8012**	**0.0206**	**0.5642**	**0.0251**	**0.5892**	**0.1537**	**0.0239**	**0.1776**		**2,190.0395**	**2,190.0395**	**0.0926**		**2,192.3542**

3.4 Paving - 2020

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	0.7716	7.2266	7.1128	0.0113		0.3950	0.3950		0.3669	0.3669		1,035.3926	1,035.3926	0.3016		1,042.9323

Paving	0.0513					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.8228**	**7.2266**	**7.1128**	**0.0113**		**0.3950**	**0.3950**		**0.3669**	**0.3669**		**1,035.3926**	**1,035.3926**	**0.3016**		**1,042.9323**

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	0.0666	0.0469	0.4587	1.3400e-003	0.1479	9.2000e-004	0.1488	0.0392	8.5000e-004	0.0401		133.2839	133.2839	3.3000e-003		133.3665
Total	**0.0666**	**0.0469**	**0.4587**	**1.3400e-003**	**0.1479**	**9.2000e-004**	**0.1488**	**0.0392**	**8.5000e-004**	**0.0401**		**133.2839**	**133.2839**	**3.3000e-003**		**133.3665**

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	0.4422	3.2886	7.7490	0.0113		0.1702	0.1702		0.1609	0.1609	0.0000	1,035.3926	1,035.3926	0.3016		1,042.9323
Paving	0.0513					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Total	**0.4935**	**3.2886**	**7.7490**	**0.0113**		**0.1702**	**0.1702**		**0.1609**	**0.1609**	**0.0000**	**1,035.3926**	**1,035.3926**	**0.3016**		**1,042.9323**

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	0.0666	0.0469	0.4587	1.3400e-003	0.1479	9.2000e-004	0.1488	0.0392	8.5000e-004	0.0401		133.2839	133.2839	3.3000e-003		133.3665
Total	**0.0666**	**0.0469**	**0.4587**	**1.3400e-003**	**0.1479**	**9.2000e-004**	**0.1488**	**0.0392**	**8.5000e-004**	**0.0401**		**133.2839**	**133.2839**	**3.3000e-003**		**133.3665**

3.5 Building Construction - 2020

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	0.8617	8.8523	7.3875	0.0114		0.5224	0.5224		0.4806	0.4806		1,102.9781	1,102.9781	0.3567		1,111.8962
Total	**0.8617**	**8.8523**	**7.3875**	**0.0114**		**0.5224**	**0.5224**		**0.4806**	**0.4806**		**1,102.9781**	**1,102.9781**	**0.3567**		**1,111.8962**

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	0.0409	1.1375	0.3245	2.6900e-003	0.0677	5.6900e-003	0.0734	0.0195	5.4400e-003	0.0249		283.9041	283.9041	0.0138		284.2482
Worker	0.1627	0.1147	1.1213	3.2700e-003	0.3615	2.2500e-003	0.3637	0.0959	2.0800e-003	0.0980		325.8051	325.8051	8.0800e-003		326.0070
Total	**0.2036**	**1.2523**	**1.4458**	**5.9600e-003**	**0.4292**	**7.9400e-003**	**0.4371**	**0.1154**	**7.5200e-003**	**0.1229**		**609.7092**	**609.7092**	**0.0218**		**610.2552**

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	0.1397	0.6052	7.7261	0.0114		0.0186	0.0186		0.0186	0.0186	0.0000	1,102.9781	1,102.9781	0.3567		1,111.8962
Total	**0.1397**	**0.6052**	**7.7261**	**0.0114**		**0.0186**	**0.0186**		**0.0186**	**0.0186**	**0.0000**	**1,102.9781**	**1,102.9781**	**0.3567**		**1,111.8962**

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	0.0409	1.1375	0.3245	2.6900e-003	0.0677	5.6900e-003	0.0734	0.0195	5.4400e-003	0.0249		283.9041	283.9041	0.0138		284.2482
Worker	0.1627	0.1147	1.1213	3.2700e-003	0.3615	2.2500e-003	0.3637	0.0959	2.0800e-003	0.0980		325.8051	325.8051	8.0800e-003		326.0070
Total	**0.2036**	**1.2523**	**1.4458**	**5.9600e-003**	**0.4292**	**7.9400e-003**	**0.4371**	**0.1154**	**7.5200e-003**	**0.1229**		**609.7092**	**609.7092**	**0.0218**		**610.2552**

3.5 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	0.7750	7.9850	7.2637	0.0114		0.4475	0.4475		0.4117	0.4117		1,103.2158	1,103.2158	0.3568		1,112.1358
Total	**0.7750**	**7.9850**	**7.2637**	**0.0114**		**0.4475**	**0.4475**		**0.4117**	**0.4117**		**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

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	0.0338	1.0257	0.2934	2.6600e-003	0.0677	2.3200e-003	0.0700	0.0195	2.2200e-003	0.0217		281.2705	281.2705	0.0130		281.5945
Worker	0.1510	0.1025	1.0236	3.1600e-003	0.3615	2.2000e-003	0.3637	0.0959	2.0200e-003	0.0979		314.4980	314.4980	7.2200e-003		314.6785
Total	**0.1848**	**1.1282**	**1.3170**	**5.8200e-003**	**0.4292**	**4.5200e-003**	**0.4337**	**0.1154**	**4.2400e-003**	**0.1196**		**595.7685**	**595.7685**	**0.0202**		**596.2730**

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	0.1397	0.6052	7.7261	0.0114		0.0186	0.0186		0.0186	0.0186	0.0000	1,103.2158	1,103.2158	0.3568		1,112.1358

Total	**0.1397**	**0.6052**	**7.7261**	**0.0114**		**0.0186**	**0.0186**		**0.0186**	**0.0186**	**0.0000**	**1,103.2158**	**1,103.2158**	**0.3568**		**1,112.1358**

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	0.0338	1.0257	0.2934	2.6600e-003	0.0677	2.3200e-003	0.0700	0.0195	2.2200e-003	0.0217		281.2705	281.2705	0.0130		281.5945
Worker	0.1510	0.1025	1.0236	3.1600e-003	0.3615	2.2000e-003	0.3637	0.0959	2.0200e-003	0.0979		314.4980	314.4980	7.2200e-003		314.6785
Total	**0.1848**	**1.1282**	**1.3170**	**5.8200e-003**	**0.4292**	**4.5200e-003**	**0.4337**	**0.1154**	**4.2400e-003**	**0.1196**		**595.7685**	**595.7685**	**0.0202**		**596.2730**

3.6 Architectural Coating - 2020

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	1.3713					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109		281.4481	281.4481	0.0218		281.9928
Total	**1.6135**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**		**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0333	0.0235	0.2294	6.7000e-004	0.0739	4.6000e-004	0.0744	0.0196	4.2000e-004	0.0200		66.6420	66.6420	1.6500e-003		66.6833
Total	**0.0333**	**0.0235**	**0.2294**	**6.7000e-004**	**0.0739**	**4.6000e-004**	**0.0744**	**0.0196**	**4.2000e-004**	**0.0200**		**66.6420**	**66.6420**	**1.6500e-003**		**66.6833**

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	1.3713					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2422	1.6838	1.8314	2.9700e-003		0.1109	0.1109		0.1109	0.1109	0.0000	281.4481	281.4481	0.0218		281.9928
Total	**1.6135**	**1.6838**	**1.8314**	**2.9700e-003**		**0.1109**	**0.1109**		**0.1109**	**0.1109**	**0.0000**	**281.4481**	**281.4481**	**0.0218**		**281.9928**

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	0.0333	0.0235	0.2294	6.7000e-004	0.0739	4.6000e-004	0.0744	0.0196	4.2000e-004	0.0200		66.6420	66.6420	1.6500e-003		66.6833
Total	**0.0333**	**0.0235**	**0.2294**	**6.7000e-004**	**0.0739**	**4.6000e-004**	**0.0744**	**0.0196**	**4.2000e-004**	**0.0200**		**66.6420**	**66.6420**	**1.6500e-003**		**66.6833**

3.6 Architectural Coating - 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					
Archit. Coating	1.3713					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941		281.4481	281.4481	0.0193		281.9309
Total	**1.5902**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**		**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0309	0.0210	0.2094	6.5000e-004	0.0739	4.5000e-004	0.0744	0.0196	4.1000e-004	0.0200		64.3291	64.3291	1.4800e-003		64.3661
Total	**0.0309**	**0.0210**	**0.2094**	**6.5000e-004**	**0.0739**	**4.5000e-004**	**0.0744**	**0.0196**	**4.1000e-004**	**0.0200**		**64.3291**	**64.3291**	**1.4800e-003**		**64.3661**

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	1.3713					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Off-Road	0.2189	1.5268	1.8176	2.9700e-003		0.0941	0.0941		0.0941	0.0941	0.0000	281.4481	281.4481	0.0193		281.9309
Total	**1.5902**	**1.5268**	**1.8176**	**2.9700e-003**		**0.0941**	**0.0941**		**0.0941**	**0.0941**	**0.0000**	**281.4481**	**281.4481**	**0.0193**		**281.9309**

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	0.0309	0.0210	0.2094	6.5000e-004	0.0739	4.5000e-004	0.0744	0.0196	4.1000e-004	0.0200		64.3291	64.3291	1.4800e-003		64.3661
Total	**0.0309**	**0.0210**	**0.2094**	**6.5000e-004**	**0.0739**	**4.5000e-004**	**0.0744**	**0.0196**	**4.1000e-004**	**0.0200**		**64.3291**	**64.3291**	**1.4800e-003**		**64.3661**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
Mitigated	0.4993	2.2827	6.6094	0.0228	2.2331	0.0194	2.2525	0.5961	0.0181	0.6142		2,300.6726	2,300.6726	0.0767		2,302.5892
Unmitigated	0.4993	2.2827	6.6094	0.0228	2.2331	0.0194	2.2525	0.5961	0.0181	0.6142		2,300.6726	2,300.6726	0.0767		2,302.5892

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	362.03	362.03	362.03	1,055,681	1,055,681
Enclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	362.03	362.03	362.03	1,055,681	1,055,681

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Congregate Care (Assisted Living)	8.01	8.01	8.01	31.00	15.00	54.00	100	0	0
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
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
Congregate Care (Assisted Living)	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Enclosed Parking with Elevator	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Other Asphalt Surfaces	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Parking Lot	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	lb/day										lb/day					
NaturalGas Mitigated	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
NaturalGas Unmitigated	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501

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					
Congregate Care (Assisted Living)	970.459	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
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
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		**0.0105**	**0.0894**	**0.0381**	**5.7000e-004**		**7.2300e-003**	**7.2300e-003**		**7.2300e-003**	**7.2300e-003**		**114.1716**	**114.1716**	**2.1900e-003**	**2.0900e-003**	**114.8501**

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					
Congregate Care (Assisted Living)	0.970459	0.0105	0.0894	0.0381	5.7000e-004		7.2300e-003	7.2300e-003		7.2300e-003	7.2300e-003		114.1716	114.1716	2.1900e-003	2.0900e-003	114.8501
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
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		**0.0105**	**0.0894**	**0.0381**	**5.7000e-004**		**7.2300e-003**	**7.2300e-003**		**7.2300e-003**	**7.2300e-003**		**114.1716**	**114.1716**	**2.1900e-003**	**2.0900e-003**	**114.8501**

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	0.7423	0.0778	3.4061	4.3000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	55.5097	55.5097	6.8400e-003	9.1000e-004	55.9507
Unmitigated	0.7423	0.0778	3.4061	4.3000e-004		0.0219	0.0219		0.0219	0.0219	0.0000	55.5097	55.5097	6.8400e-003	9.1000e-004	55.9507

6.2 Area by SubCategory

Unmitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0984					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5368					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	4.5300e-003	0.0387	0.0165	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003	0.0000	49.4118	49.4118	9.5000e-004	9.1000e-004	49.7054
Landscaping	0.1026	0.0391	3.3896	1.8000e-004		0.0187	0.0187		0.0187	0.0187		6.0979	6.0979	5.9000e-003		6.2453
Total	**0.7423**	**0.0778**	**3.4061**	**4.3000e-004**		**0.0219**	**0.0219**		**0.0219**	**0.0219**	**0.0000**	**55.5097**	**55.5097**	**6.8500e-003**	**9.1000e-004**	**55.9507**

Mitigated

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
SubCategory	lb/day										lb/day					
Architectural Coating	0.0984					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Consumer Products	0.5368					0.0000	0.0000		0.0000	0.0000			0.0000			0.0000
Hearth	4.5300e-003	0.0387	0.0165	2.5000e-004		3.1300e-003	3.1300e-003		3.1300e-003	3.1300e-003	0.0000	49.4118	49.4118	9.5000e-004	9.1000e-004	49.7054
Landscaping	0.1026	0.0391	3.3896	1.8000e-004		0.0187	0.0187		0.0187	0.0187		6.0979	6.0979	5.9000e-003		6.2453
Total	**0.7423**	**0.0778**	**3.4061**	**4.3000e-004**		**0.0219**	**0.0219**		**0.0219**	**0.0219**	**0.0000**	**55.5097**	**55.5097**	**6.8500e-003**	**9.1000e-004**	**55.9507**

7.0 Water Detail

7.1 Mitigation Measures Water

8.0 Waste Detail

8.1 Mitigation Measures Waste

9.0 Operational Offroad

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

10.0 Stationary Equipment

Fire Pumps and Emergency Generators

Equipment Type	Number	Hours/Day	Hours/Year	Horse Power	Load Factor	Fuel Type
Emergency Generator	1	1	50	40	0.73	CNG
Emergency Generator	1	1	50	60	0.73	CNG

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	lb/day										lb/day					
Emergency Generator - CNG	0.8798	0.0847	2.2914	3.1000e-004		4.8500e-003	4.8500e-003		4.8500e-003	4.8500e-003		56.2110	56.2110	0.1175		59.1492
Total	**0.8798**	**0.0847**	**2.2914**	**3.1000e-004**		**4.8500e-003**	**4.8500e-003**		**4.8500e-003**	**4.8500e-003**		**56.2110**	**56.2110**	**0.1175**		**59.1492**

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.2

Date: 1/21/2020 10:19 AM

Palm Villas Saratoga Project

Santa Clara County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.68	0.81	-0.05	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.29	0.26	-0.01	0.00	0.41	0.40	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.37	0.54	-0.08	0.00	0.57	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.81	0.94	-0.29	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	4	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	Tier 4 Final	1	1	No Change	0.00
Forklifts	Diesel	Tier 4 Final	2	2	No Change	0.00
Graders	Diesel	Tier 4 Final	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Final	1	1	No Change	0.00
Rollers	Diesel	No Change	0	1	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Final	1	1	No Change	0.00

Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	6	6	No Change	0.00
Trenchers	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	3.02100E-002	2.10380E-001	2.39010E-001	3.90000E-004	1.34400E-002	1.34400E-002	0.00000E+000	3.34476E+001	3.34476E+001	2.44000E-003	0.00000E+000	3.35087E+001
Cement and Mortar Mixers	2.03000E-003	1.27000E-002	1.06400E-002	2.00000E-005	4.90000E-004	4.90000E-004	0.00000E+000	1.58105E+000	1.58105E+000	1.60000E-004	0.00000E+000	1.58516E+000
Concrete/Industrial Saws	9.20000E-003	7.25700E-002	8.11000E-002	1.40000E-004	4.36000E-003	4.36000E-003	0.00000E+000	1.18284E+001	1.18284E+001	7.50000E-004	0.00000E+000	1.18472E+001
Cranes	2.83800E-002	3.35520E-001	1.34250E-001	3.80000E-004	1.37300E-002	1.26300E-002	0.00000E+000	3.32021E+001	3.32021E+001	1.07400E-002	0.00000E+000	3.34706E+001
Forklifts	2.68700E-002	2.43420E-001	2.30710E-001	3.00000E-004	1.77300E-002	1.63100E-002	0.00000E+000	2.63882E+001	2.63882E+001	8.53000E-003	0.00000E+000	2.66016E+001
Graders	2.62000E-003	3.47900E-002	9.98000E-003	4.00000E-005	1.11000E-003	1.02000E-003	0.00000E+000	3.20686E+000	3.20686E+000	1.04000E-003	0.00000E+000	3.23278E+000
Pavers	2.64000E-003	2.82800E-002	2.91600E-002	5.00000E-005	1.37000E-003	1.26000E-003	0.00000E+000	4.15597E+000	4.15597E+000	1.34000E-003	0.00000E+000	4.18958E+000
Rollers	2.09000E-003	2.09400E-002	1.90500E-002	3.00000E-005	1.34000E-003	1.23000E-003	0.00000E+000	2.31926E+000	2.31926E+000	7.50000E-004	0.00000E+000	2.33801E+000
Rubber Tired Dozers	2.97000E-003	3.11600E-002	1.13600E-002	2.00000E-005	1.53000E-003	1.40000E-003	0.00000E+000	2.06402E+000	2.06402E+000	6.70000E-004	0.00000E+000	2.08071E+000
Tractors/Loaders/Backhoes	6.21700E-002	6.26570E-001	7.05460E-001	9.60000E-004	3.85700E-002	3.54800E-002	0.00000E+000	8.47533E+001	8.47533E+001	2.74100E-002	0.00000E+000	8.54386E+001
Trenchers	4.62000E-003	4.17600E-002	2.90000E-002	4.00000E-005	3.13000E-003	2.88000E-003	0.00000E+000	3.26127E+000	3.26127E+000	1.05000E-003	0.00000E+000	3.28764E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	3.02100E-002	2.10380E-001	2.39010E-001	3.90000E-004	1.34400E-002	1.34400E-002	0.00000E+000	3.34476E+001	3.34476E+001	2.44000E-003	0.00000E+000	3.35087E+001
Cement and Mortar Mixers	2.03000E-003	1.27000E-002	1.06400E-002	2.00000E-005	4.90000E-004	4.90000E-004	0.00000E+000	1.58105E+000	1.58105E+000	1.60000E-004	0.00000E+000	1.58515E+000
Concrete/Industrial Saws	9.20000E-003	7.25700E-002	8.11000E-002	1.40000E-004	4.36000E-003	4.36000E-003	0.00000E+000	1.18284E+001	1.18284E+001	7.50000E-004	0.00000E+000	1.18472E+001
Cranes	4.64000E-003	2.01200E-002	1.70250E-001	3.80000E-004	6.20000E-004	6.20000E-004	0.00000E+000	3.32021E+001	3.32021E+001	1.07400E-002	0.00000E+000	3.34705E+001
Forklifts	3.70000E-003	1.60400E-002	2.28250E-001	3.00000E-004	4.90000E-004	4.90000E-004	0.00000E+000	2.63882E+001	2.63882E+001	8.53000E-003	0.00000E+000	2.66016E+001
Graders	4.50000E-004	1.93000E-003	1.63600E-002	4.00000E-005	6.00000E-005	6.00000E-005	0.00000E+000	3.20685E+000	3.20685E+000	1.04000E-003	0.00000E+000	3.23278E+000
Pavers	5.80000E-004	2.52000E-003	3.58500E-002	5.00000E-005	8.00000E-005	8.00000E-005	0.00000E+000	4.15597E+000	4.15597E+000	1.34000E-003	0.00000E+000	4.18957E+000
Rollers	2.09000E-003	2.09400E-002	1.90500E-002	3.00000E-005	1.34000E-003	1.23000E-003	0.00000E+000	2.31925E+000	2.31925E+000	7.50000E-004	0.00000E+000	2.33801E+000

Rubber Tired Dozers	2.90000E-004	1.25000E-003	1.05400E-002	2.00000E-005	4.00000E-005	4.00000E-005	0.00000E+000	2.06402E+000	2.06402E+000	6.70000E-004	0.00000E+000	2.08071E+000
Tractors/Loaders/Backhoes	1.17900E-002	5.11100E-002	7.27360E-001	9.60000E-004	1.57000E-003	1.57000E-003	0.00000E+000	8.47532E+001	8.47532E+001	2.74100E-002	0.00000E+000	8.54385E+001
Trenchers	4.62000E-003	4.17600E-002	2.90000E-002	4.00000E-005	3.13000E-003	2.88000E-003	0.00000E+000	3.26126E+000	3.26126E+000	1.05000E-003	0.00000E+000	3.28763E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.19590E-006	1.19590E-006	0.00000E+000	0.00000E+000	8.95290E-007
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	6.30851E-006
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.69084E-006	1.69084E-006	0.00000E+000	0.00000E+000	8.44083E-007
Cranes	8.36505E-001	9.40033E-001	-2.68156E-001	0.00000E+000	9.54843E-001	9.50911E-001	0.00000E+000	1.20474E-006	1.20474E-006	0.00000E+000	0.00000E+000	1.19508E-006
Forklifts	8.62300E-001	9.34106E-001	1.06627E-002	0.00000E+000	9.72363E-001	9.69957E-001	0.00000E+000	1.13687E-006	1.13687E-006	0.00000E+000	0.00000E+000	1.12775E-006
Graders	8.28244E-001	9.44524E-001	-6.39279E-001	0.00000E+000	9.45946E-001	9.41176E-001	0.00000E+000	3.11832E-006	3.11832E-006	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	7.80303E-001	9.10891E-001	-2.29424E-001	0.00000E+000	9.41606E-001	9.36508E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.38687E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	4.31172E-006	4.31172E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	9.02357E-001	9.59884E-001	7.21831E-002	0.00000E+000	9.73856E-001	9.71429E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	8.10359E-001	9.18429E-001	-3.10436E-002	0.00000E+000	9.59295E-001	9.55750E-001	0.00000E+000	1.17990E-006	1.17990E-006	0.00000E+000	0.00000E+000	1.28747E-006
Trenchers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.06629E-006	3.06629E-006	0.00000E+000	0.00000E+000	3.04170E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		

No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.05	0.01	0.05	0.01	0.00	0.00
Grading	Fugitive Dust	0.02	0.01	0.01	0.00	0.55	0.55
Grading	Roads	0.01	0.00	0.01	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.55	0.55
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.11	0.33		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				

No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Health Risk Assessment Report for the Palm Villas Saratoga Project City of Saratoga, California

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ACRONYMS AND ABBREVIATIONS

Acronym/Abbreviation	Definition
AERMOD	American Meteorological Society/Environmental Protection Agency Regulatory Model
ASF	age-sensitivity factor
BAAQMD	Bay Area Air Quality Management District
CalEEMod	California Emissions Estimator Model
CARB	California Air Resources Board
CAS	Chemical Abstracts Service
CEQA	California Environmental Quality Act
City	City of Saratoga
DBR	daily breathing rate
DPF	diesel particulate filter
DPM	diesel particulate matter
EPA	U.S. Environmental Protection Agency
FAH	fraction of time at home
g/s	grams per second
HARP2	Hotspots Analysis and Reporting Program Version 2
HRA	health risk assessment
KSJC	San Jose International Airport
lb/hr	pounds per hour
lb/MMcf	pounds per million cubic feet
lb/yr	pounds per year
m E	meters easting
m N	meters northing
MEIR	maximally exposed individual resident
MMcf/hr	million cubic feet per hour
NED	National Elevation Dataset
OEHHA	Office of Environmental Health Hazard Assessment
PM_{10}	particulate matter with a diameter less the 10 microns
Project	Palm Villas Saratoga Project
REL	reference exposure level
SCAQMD	South Coast Air Quality Management District
SJVACPD	San Joaquin Valley Air Pollution Control District
TAC	toxic air contaminant
$\mu g/m^3$	microgram per cubic meter
UTM	Universal Transverse Mercator
VDECS	Verified Diesel Emission Control Strategies

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SUMMARY

The purpose of this health risk assessment (HRA) is to determine the potential cancer risk and noncancer health impacts to existing sensitive residential receptors in proximity to the proposed Palm Villas Saratoga Project (project) due to toxic air contaminant (TAC) emissions resulting from construction of the project and operation of the proposed project stationary sources.

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 Bay Area Air Quality Management District's (BAAQMD's) *CEQA Air Quality Guidelines* (BAAQMD 2017) and the Office of Environmental Health Hazard Assessment's (OEHHA's) *Air Toxics Hot Spots Program Risk Assessment Guidelines Guidance Manual for Preparation of Health Risk Assessments 2015* (2015 Risk Assessment Guidelines Manual; OEHHA 2015) were used to prepare this HRA. For the residential health risk, the HRA was calculated based on exposure from construction-generated TAC emissions would generally occur 8 hours per day, 5 days per week, for 1.25 years. According to OEHHA, the operational HRA should be based on a 30-year exposure duration based on typical residency period. Therefore, the 30-year exposure duration was assessed for the maximally exposed individual resident (MEIR) for the operational HRA.

This HRA finds that unmitigated project construction would result in potential unmitigated cancer risk at the at the MEIR of 34.10 in one million, which would exceed the BAAQMD threshold of 10 in 1 million. With incorporation of higher tier engines as included in Mitigation Measure AQ-1, the project would result in incremental cancer risk of 9.06 in one million. The unmitigated and mitigated chronic hazard index would be 0.031 and 0.0083 at the MEIR, respectively, which would be below the BAAQMD threshold of 1.0. The maximum annual unmitigated and mitigated $PM_{2.5}$ concentrations would be 0.16 micrograms per cubic meter ($\mu g/m^3$) and 0.041 $\mu g/m^3$ at the MEIR, which would be below the BAAQMD threshold of 0.3 $\mu g/m^3$. Project health risk impacts associated with construction would thus be less than significant after mitigation. No short-term, acute relative exposure values are established and regulated for diesel particulate matter (DPM) and are therefore not addressed in this assessment.

In regards to long-term operations, the project's stationary source potential cancer health risk of 0.044 in a million would not exceed the BAAQMD threshold of 10 in a million. The noncancer chronic and acute hazard indices of 0.00053 and 0.29, respectively, would not exceed the BAAQMD thresholds of 1.0. Thus, the natural gas emergency generators at the project would result in less-than-significant cancer, chronic, and acute health risk impacts at proximate sensitive residential receptors. These stationary sources would not emit $PM_{2.5}$.

1 INTRODUCTION

1.1 Purpose

In support of the air quality technical report preparation for the Palm Villas Saratoga Project (project), the health risk assessment (HRA) modeling analysis was prepared to estimate health risk impacts to proximate existing sensitive receptors from exposure to toxic air contaminant (TAC) emissions from construction activities and operation of stationary sources (i.e., natural gas-fired emergency generators) at the project site. The analysis in this HRA uses air dispersion modeling and Hotspots Analysis and Reporting Program Version 2 (HARP2) to evaluate potential health risks associated with the project. Results of the modeling analysis are compared with the most recent California Environmental Quality Act (CEQA) significance thresholds established by the Bay Area Air Quality Management District (BAAQMD). Per CEQA Guidelines, Appendix G (14 CCR 15000 et seq.), the HRA directly addresses the criterion: Would the project expose sensitive receptors to substantial pollutant concentrations?

1.2 Project Description

The project site is located in the City of Saratoga (City or Saratoga), in the western portion of Santa Clara County. The project would consist of the construction and operation of a Residential Care Facility for the Elderly (RCFE), consisting of two buildings on two adjacent lots. The two buildings have been designed to function as a single complex. One building would be for individuals with mild stage Alzheimer's/Dementia and the second for individuals with advanced stage Alzheimer's/Dementia. The project (including both buildings), would include a combined total of 79 beds, related support functions (such as food service, pharmacy, laundry, administration, etc.), 38 parking spaces, landscaping (including removal of some trees), utility connections, and an extension of Saratoga Creek Drive.

The project would include a natural gas emergency generator on the rooftop of each building. The two generators would be a GENERAC Protector Series RG045 (45 kilowatt) or similar and a GENERAC Protector Series RG030 (30 kilowatt) or similar, respectively.

1.3 Toxic Air Contaminants

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

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

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

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

1.4 Cancer Risk

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

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

1.5 Acute and Chronic Noncancer Health Impacts

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

2 GUIDANCE AND THRESHOLDS

2.1 Office of Environmental Health Hazard Assessment's Guidance

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

The cancer risk methodology described in the exposure assessment and stochastic analysis technical support document and the 2015 Risk Assessment Guidelines Manual accounts for the

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

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

2.2 Bay Area Air Quality Management District Guidance

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

Table 1
BAAQMD Thresholds of Significance

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

Table 1
BAAQMD Thresholds of Significance

Factor	Threshold
	Cancer risk of >100 in a million (from all local sources) Noncancer risk of >10.0 Hazard Index (chronic, from all local sources) Ambient $PM_{2.5}$ >0.8 µg/m^3 annual average (from all local sources) Zone of Influence: 1,000-foot radius from property line of source or receptor

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

3 RECEPTORS USED FOR EVALUATING MODELED IMPACTS

Some land uses are considered more sensitive to air pollution than others due to the types of population groups or activities involved. Children, pregnant women, older adults, and people with existing health problems are especially vulnerable to the effects of air pollution. Accordingly, land uses where sensitive-receptor population groups are likely to be located at hospitals, medical clinics, schools, playgrounds, childcare centers, residences, and retirement homes (BAAQMD 2017). There are existing residences in all directions of the project site, with the nearest at approximately 100 feet to the west of the project boundary, across Saratoga Creek.

4 MODELING METHODOLOGY

4.1 Dispersion Model

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

A dispersion modeling analysis was conducted of DPM emitted from diesel vehicles and construction equipment on the proposed project site for the HRA to assess the health risk impacts of the project's construction on proximate off-site sensitive receptors. Additionally, a separate dispersion modeling analysis was conducted of TACs emitted by the natural gas emergency

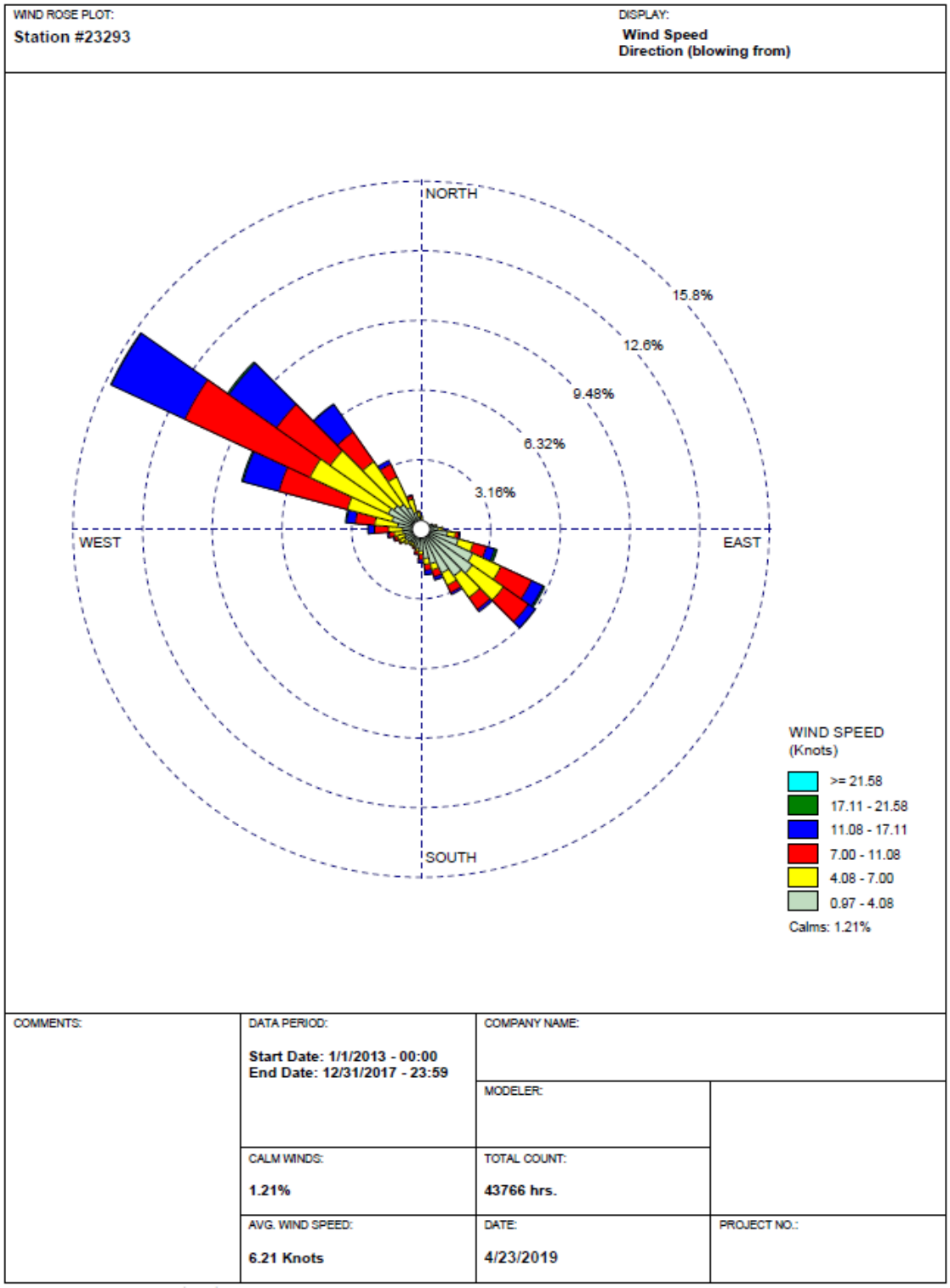
generators to be located at the project. The dispersion modeling was performed using AERMOD Version 18081, which is the model U.S. Environmental Protection Agency (EPA) approved and BAAQMD recommends for atmospheric dispersion of emissions. AERMOD is a steady-state Gaussian plume model that incorporates air dispersion based on planetary boundary layer turbulence structure and scaling concepts, including treatment of surface and elevated sources, building downwash, and simple and complex terrain. Principal parameters of AERMOD for the project operations 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 9.6.5. Under the construction scenario, a unit emission rate (1 gram per second (g/s)) was normalized over the line of adjacent volume sources for the AERMOD run to obtain the "X/Q" values. Under the operational scenario, AERMOD was run with each source emitting unit emissions (1 g/s) to obtain the "X/Q" values. X/Q is a dispersion factor that is the average effluent concentration normalized by source strength, and is used as a way to simplify the representation of emissions from many sources. The maximum concentrations were determined for the 1-hour and Period averaging periods.
- **Meteorological Data:** The latest 5-year meteorological data (years 2013-2017) for the San Jose International Airport station (KSJC) were provided by BAAQMD (BAAQMD 2019), and then input to AERMOD. A wind rose is provided for this station on Figure 1.
- **Urban and Rural Options:** Typically, urban areas have more surface roughness and structures and low-albedo surfaces that absorb more sunlight, and thus, more heat, relative to rural areas. The urban dispersion option was selected and the Santa Clara County population for year 2010 (1,781,642 persons) input into AERMOD.
- **Terrain Characteristics:** Digital elevation model files were imported into AERMOD so that complex terrain features were evaluated as appropriate. The National Elevation Dataset (NED) dataset with resolution of 1/3 arc-second was used.
- **Sensitive Receptors:** This HRA evaluates the risk to existing residential receptors located in proximity to the project. A uniform fine 1-kilometer by 1-kilometer Cartesian grid with 20-meter spacing was centered over the project site and converted into discrete receptors to capture the maximum point of impact.
- **Source Release Construction Scenario:** Air dispersion modeling of DPM emissions was conducted assuming the equipment would operate in accordance with the modeling scenario estimated in the California Emissions Estimator Model (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. Construction equipment would operate up to 8 hours per day.

- **Source Release Operating Scenarios:** The natural gas emergency generators would be located on building rooftops and would not have stacks. As such, each generator was modeled as an area source based on recommendations from the San Joaquin Valley Air Pollution Control District (SJVAPCD) point source guidance for engines and boilers (SJVAPCD 2006).

Figure 1
Wind Rose of Meteorological Data



Source: BAAQMD 2019.

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4.2 Emission Calculations

Construction Emissions Calculations

Emissions from the construction phase of the project were estimated using 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 assumptions pertaining to construction emissions, including phasing, equipment, and vehicle trips, are based on Section 2.4.2 (Approach and Methodology) of the air quality report. For the HRA, we are concerned with DPM emitted from exhaust from on-site construction equipment and diesel vehicles. Notably, the default construction on-road vehicle trip lengths were reduced to 0.19 miles (1,000 feet) to account for just localized emissions, such as on-site movement and pass-by emissions. Complete detailed construction assumptions are included in Appendix A.

Table 2 presents the estimated unmitigated and mitigated annual construction exhaust particulate matter with a diameter less the 10 microns (PM_{10}) emissions, as a surrogate for DPM, generated during construction of the proposed project.

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

Year	PM_{10}
	Tons per year
Unmitigated Construction	
2020	0.06
2021	0.04
Total	0.10
Mitigated Construction[1]	
2020	0.02
2021	0.01
Total	0.03

Notes: PM_{10} = coarse particulate matter.
[1] Mitigated emissions include implementation of Mitigation Measure AQ-1.

As shown in Section 5, Health Risk 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:

Mitigation Measure AQ-1: Implement Construction Control Measures for Exhaust-Related Emissions

Prior to the issuance of a construction permit, the project applicant, or its designee, shall submit a Construction Exhaust Emissions Minimization Plan (Plan) to the City or its

designated representative for review and approval. The Plan shall detail project compliance with the following requirements:

1. Where access to alternative sources of power and alternative-fueled equipment are available, portable diesel engines shall be prohibited.

2. All diesel-powered equipment with engines equal or greater to 85 horsepower (hp) shall be powered by CARB certified Tier 4 Final engines. If 85 hp or greater engines that comply with Tier 4 Final emissions standards are not commercially available, then the project applicant shall ensure that all diesel-powered equipment equal to or greater than 50 hp will have at least CARB certified Tier 3 engines with the most effective Verified Diesel Emission Control Strategies (VDECS) available for the engine type, such as Level 3 Diesel Particulate Filters (DPF) (Tier 4 engines automatically meet this requirement).

    a. For purposes of this mitigation measure, "commercially available" shall mean the availability of the Tier 4 Final equipment taking into consideration factors such as (1) critical path timing of construction; (2) geographic proximity of the equipment location to the project site.

    b. The project applicant shall maintain and submit records to the City concerning its efforts to comply with this requirement.

Operational Emissions Calculations

For the HRA, TAC emissions associated with operations of the project were estimated for the routine maintenance/testing of the natural gas emergency generators, assuming up to 50 hours of operation per year. The CalEEMod default load factor 0.73 was applied to each emergency generator. Emission factors from the South Coast Air Quality Management District (SCAQMD) Risk Tool, version 1.1 (SCAQMD 2017) were used for natural gas combustion associated with the rich-burn-4-stroke engines. These emissions are summarized in Table 3, with complete details included in Appendix A.

Table 3
Project Stationary Source Operational Emission - Unmitigated

TAC	CAS	Emission Factor (lb/MMcf)	Natural Gas Generator 1 (Model RG045)			Natural Gas Generator 2 (Model RG030)		
			Fuel Input (MMcf/hr)	*lb/hr*	*lb/yr*	*Fuel Input (MMcf/hr)*	*lb/hr*	*lb/yr*
Benzene	71432	1.61E+00	5.45E-04	8.77E-04	4.39E-02	4.00E-04	6.44E-04	3.22E-02
1,3-Butadiene	106990	6.76E-01	5.45E-04	3.68E-04	1.84E-02	4.00E-04	2.70E-04	1.35E-02
Carbon Tetrachloride (Tetrachloromethane)	56235	1.81E-02	5.45E-04	9.86E-06	4.93E-04	4.00E-04	7.24E-06	3.62E-04
Ethylene Dibromide (1,2-Dibromoethane)	106934	2.17E-02	5.45E-04	1.18E-05	5.91E-04	4.00E-04	8.68E-06	4.34E-04
Ethylene Dichloride (1,2-Dichloroethane)	107062	1.15E-02	5.45E-04	6.27E-06	3.13E-04	4.00E-04	4.60E-06	2.30E-04
Formaldehyde	50000	2.09E+01	5.45E-04	1.14E-02	5.70E-01	4.00E-04	8.36E-03	4.18E-01
Methylene Chloride (Dichloromethane)	75092	4.20E-02	5.45E-04	2.29E-05	1.14E-03	4.00E-04	1.68E-05	8.40E-04
Naphthalene	91203	9.90E-02	5.45E-04	5.40E-05	2.70E-03	4.00E-04	3.96E-05	1.98E-03
Vinyl Chloride (Chloroethylene)	75014	7.32E-03	5.45E-04	3.99E-06	1.99E-04	4.00E-04	2.93E-06	1.46E-04
1,1,2,2-Tetrachloroethane	79345	2.58E-02	5.45E-04	1.41E-05	7.03E-04	4.00E-04	1.03E-05	5.16E-04
1,1,2-Trichloroethane (Vinyl Trichloride)	79005	1.56E-02	5.45E-04	8.50E-06	4.25E-04	4.00E-04	6.24E-06	3.12E-04
Acetaldehyde	75070	2.85E+00	5.45E-04	1.55E-03	7.77E-02	4.00E-04	1.14E-03	5.70E-02
Acrolein	107028	2.68E+00	5.45E-04	1.46E-03	7.30E-02	4.00E-04	1.07E-03	5.36E-02
Ammonia	7664417	3.20E+00	5.45E-04	1.74E-03	8.72E-02	4.00E-04	1.28E-03	6.40E-02
Chloroform	67663	1.40E-02	5.45E-04	7.63E-06	3.82E-04	4.00E-04	5.60E-06	2.80E-04
Ethyl Benzene	100414	2.53E-02	5.45E-04	1.38E-05	6.89E-04	4.00E-04	1.01E-05	5.06E-04
Methanol	67561	3.12E+00	5.45E-04	1.70E-03	8.50E-02	4.00E-04	1.25E-03	6.24E-02
Styrene	100425	1.21E-02	5.45E-04	6.59E-06	3.30E-04	4.00E-04	4.84E-06	2.42E-04
Toluene	108883	5.69E-01	5.45E-04	3.10E-04	1.55E-02	4.00E-04	2.28E-04	1.14E-02
Xylenes (Mixed Isomers)	1330207	1.99E-01	5.45E-04	1.08E-04	5.42E-03	4.00E-04	7.96E-05	3.98E-03

Sources: SCAQMD 2017.
Notes: TAC = toxic air contaminant; CAS = Chemical Abstracts Service; lb/MMcf = pounds per million cubic feet; MMcf/hr = million cubic feet per hour; lb/hr = pounds per hour; lb/yr = pounds per year

Notably, no existing permitted sources of TACs (such as gas stations) were identified within 1,000 feet of the project using the BAAQMD's geo-referenced database of permitted emissions sources throughout San Francisco Bay Area for estimating health risks to new sensitive receptors from existing permitted sources. Additionally, no highways or freeways are located within 1,000 feet of the project. Therefore, the future residents at the project would not be subject to potentially significant cumulative health risk impacts.

4.3 Health Risk Assessment Methodology

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

5 HEALTH RISK RESULTS

5.1 Construction

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 only. The potential exposure through other pathways (e.g., ingestion) requires substance and site-specific data, and the specific parameters for DPM are not known for these pathways (CARB 1998).

The maximally exposed receptor would be the nearest existing residence to the west of the project. Potential health risk at the maximally exposed individual resident (MEIR) resulting from construction activities are shown in Table 4 below. In addition, unmitigated and mitigated cancer risk isopleth figures are included in Appendix B.

Table 4
Construction-Related Health Risk

Receptor	Cancer Risk (persons per million)	Chronic Impact	$PM_{2.5}$ Concentration ($\mu g/m^3$)
Unmitigated Construction			
Maximally Exposed Individual Resident (MEIR)[1]	34.10	0.031	0.16
BAAQMD Significance Criteria	10	1.0	0.3
Exceed Threshold?	Yes	No	No
Mitigated Construction[2]			
Maximally Exposed Individual Resident (MEIR)[1]	9.06	0.0083	0.041
BAAQMD Significance Criteria	10	1.0	0.3
Exceed Threshold?	No	No	No

Source: Appendix C

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

Diesel exhaust exposure at receptors modeled with AERMOD, which were then input into HARP2 to generate health risk estimates. Construction diesel particulate exposure was assumed to begin in the 3rd trimester of pregnancy for a duration of 1.25-years of active construction.

1 The MEIR for annual cancer and chronic health risk impacts is located to the west of the project at UTM coordinates 588052.5 meter Easting (m E)/4126595 meters Northing (m N)

2 Mitigated emissions include implementation of Mitigation Measure AQ-1.

As shown in Table 4, the incremental cancer risk at the MEIR of 34.10 in one million (assuming exposure starts in 3rd trimester) from project construction would exceed the BAAQMD threshold of 10 in a million without mitigation. With incorporation of higher tier engines as included in Mitigation Measure AQ-1, the project would result in incremental cancer risk of 9.06 in one million. The unmitigated and mitigated chronic hazard index would be 0.031 and 0.0083 at the MEIR, respectively, which would be below the BAAQMD threshold of 1.0. The maximum annual unmitigated and mitigated $PM_{2.5}$ concentrations would be 0.16 micrograms per cubic meter ($\mu g/m^3$) and 0.041 $\mu g/m^3$ at the MEIR, which would be below the BAAQMD threshold of 0.3 $\mu g/m^3$. Project health risk impacts associated with construction would thus be less than significant after mitigation.

5.2 Operations

OEHHA recommends that an exposure duration (residency time) of 30 years be used to estimate an individual cancer risk for the MEIR starting in the 3rd trimester to accommodate the increased susceptibility of exposures in early life (OEHHA 2015). The "Mandatory Minimum Pathways" option was also selected in HARP2, which includes exposure through inhalation, soil, dermis, and mother's milk, where applicable for each TAC. Cancer and noncancer health risk results are presented in Table 5, based on the 30-year exposure scenario. Notably, complete AERMOD and HARP2 outputs are contained in Appendix C.

Table 5
Natural Gas Generators - Operational Health Risk Results

Receptor	Cancer Risk (persons per million)[1]	Chronic Hazard Index[1]	Acute Hazard Index[2]
Maximally Exposed Individual Resident (MEIR)	0.044	0.00053	0.29
BAAQMD Significance Criteria	10	1.0	1.0
Exceed Threshold?	No	No	No

Source: Appendix C.

Note: MEIR = Maximally Exposed Individual Resident; BAAQMD = Bay Area Air Quality Management District; UTM = Universal Transverse Mercator

TAC exposure plots at receptors from the natural gas emergency generators was modeled with AERMOD, which were then input into HARP2 to generate health risk estimates. Exposure was assumed to begin in the 3rd trimester of pregnancy for a duration of 30 years.

1 The MEIR for annual cancer and chronic health risk impacts is located to the northwest of the project, at UTM coordinates 588052.5 meter Easting (m E)/4126635 meters Northing (m N).

2 The MEIR for the 1-hour acute health risk impact is located northwest of the project area, at UTM coordinates 588052.5 m E/4126615 m N.

As depicted in Table 5, the project's stationary source potential cancer health risk of 0.044 in a million would not exceed the BAAQMD threshold of 10 in a million. The noncancer chronic and acute hazard indices of 0.00053 and 0.29, respectively, would not exceed the BAAQMD thresholds of 1.0. Thus, the natural gas emergency generators at the project would result in less-than-significant cancer, chronic, and acute health risk impacts at proximate sensitive residential receptors. These stationary sources would not emit $PM_{2.5}$.

6 CONCLUSIONS

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

Based on this analysis, project construction would result in potential cancer risk that would be less than significant after implementation of Mitigation Measure AQ-1. During construction, potential chronic health risk impacts and $PM_{2.5}$ concentrations would be less than significant without mitigation. For long-term operational health risks associated with the natural gas emergency generators, potential cancer, chronic, and acute health risk impacts at existing residential receptors would not exceed the applicable BAAQMD thresholds and would be less than significant. These stationary sources would not emit $PM_{2.5}$.

7 REFERENCES

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APPENDIX A

Emission Calculations

Palm Villas Saratoga Project - Construction HRA

Santa Clara County, Annual

1.0 Project Characteristics

1.1 Land Usage

Land Uses	Size	Metric	Lot Acreage	Floor Surface Area	Population
Enclosed Parking with Elevator	13.93	1000sqft	0.00	13,931.00	0
Other Asphalt Surfaces	2.06	1000sqft	0.05	2,061.00	0
Parking Lot	17.32	1000sqft	0.40	17,321.00	0
Congregate Care (Assisted Living)	41.00	Dwelling Unit	0.44	24,532.00	119

1.2 Other Project Characteristics

Urbanization	Urban	**Wind Speed (m/s)**	2.2	**Precipitation Freq (Days)**	58
Climate Zone	4			**Operational Year**	2022
Utility Company	Pacific Gas & Electric Company				
CO2 Intensity (lb/MWhr)	499.66	**CH4 Intensity (lb/MWhr)**	0.029	**N2O Intensity (lb/MWhr)**	0.006

1.3 User Entered Comments & Non-Default Data

Project Characteristics - Adjusted CO2 intensity based on RPS of 33% by 2020, which has already been achieved based on 2017 PCL

Land Use - 41 rooms/79 beds total. Building 1: 15.214 ksf building + 8.516 ksf underground garage; Building 2: 9.318 ksf building + 5.415 ksf underground garage. Pop = Residents + Employees

Construction Phase - Construction schedule provided by applicant

Off-road Equipment - Default

Off-road Equipment - Added trencher for utility installation

Trips and VMT - Adjusted haul trips based on 6,140 CY of export (i.e., not include the 100 CY used as fill). One-way VMT = 0.19 miles for pass-by/on-site truck travel

Grading - 6,240 CY of cut, 100 CY fill. Net export of 6,140 CY total exported; 16 ksf area cleared/prepped, assumed site graded multiple times

Architectural Coating - Default

Vehicle Trips - Adjusted trip rate and triplength to match daily trip generation and VMT provided by F&P

Woodstoves - Assumed there could be one potential gas fireplace in each building living space

Area Coating - Default

Energy Use - Default

Water And Wastewater - Default

Solid Waste - Default

Construction Off-road Equipment Mitigation - Equipment >= 85 hp Tier 4 Final; Water exposed areas 2x/day; Limit vehicle speeds on unpaved areas to 15 mph

Stationary Sources - Emergency Generators and Fire Pumps - 1 hour per day; 50 hours per year

Table Name	Column Name	Default Value	New Value
tblConstDustMitigation	WaterUnpavedRoadVehicleSpeed	0	15
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	2.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	1.00
tblConstEquipMitigation	NumberOfEquipmentMitigated	0.00	6.00
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstEquipMitigation	Tier	No Change	Tier 4 Final
tblConstructionPhase	NumDays	1.00	11.00
tblConstructionPhase	NumDays	2.00	44.00
tblConstructionPhase	NumDays	5.00	23.00
tblConstructionPhase	NumDays	100.00	262.00
tblConstructionPhase	NumDays	5.00	262.00

tblFireplaces	FireplaceWoodMass	228.80	0.00
tblFireplaces	NumberGas	6.15	2.00
tblFireplaces	NumberNoFireplace	1.64	39.00
tblFireplaces	NumberWood	6.97	0.00
tblGrading	AcresOfGrading	0.00	5.50
tblGrading	MaterialExported	0.00	6,140.00
tblGrading	MaterialImported	0.00	100.00
tblLandUse	LandUseSquareFeet	13,930.00	13,931.00
tblLandUse	LandUseSquareFeet	2,060.00	2,061.00
tblLandUse	LandUseSquareFeet	17,320.00	17,321.00
tblLandUse	LandUseSquareFeet	41,000.00	24,532.00
tblLandUse	LotAcreage	0.32	0.00
tblLandUse	LotAcreage	2.56	0.44
tblLandUse	Population	117.00	119.00
tblProjectCharacteristics	CO2IntensityFactor	641.35	499.66
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	40.00
tblStationaryGeneratorsPumpsUse	HorsePowerValue	0.00	60.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerDay	0.00	1.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	HoursPerYear	0.00	50.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblStationaryGeneratorsPumpsUse	NumberOfEquipment	0.00	1.00
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripLength	20.00	0.19
tblTripsAndVMT	HaulingTripNumber	780.00	768.00
tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	VendorTripLength	7.30	0.19

tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	VendorTripLength	7.30	0.19
tblTripsAndVMT	WorkerTripLength	10.80	0.19
tblTripsAndVMT	WorkerTripLength	10.80	0.19
tblTripsAndVMT	WorkerTripLength	10.80	0.19
tblTripsAndVMT	WorkerTripLength	10.80	0.19
tblTripsAndVMT	WorkerTripLength	10.80	0.19
tblVehicleTrips	DV_TP	11.00	0.00
tblVehicleTrips	HO_TL	5.70	8.01
tblVehicleTrips	HS_TL	4.80	8.01
tblVehicleTrips	HW_TL	10.80	8.01
tblVehicleTrips	PB_TP	3.00	0.00
tblVehicleTrips	PR_TP	86.00	100.00
tblVehicleTrips	ST_TR	2.20	8.83
tblVehicleTrips	SU_TR	2.44	8.83
tblVehicleTrips	WD_TR	2.74	8.83
tblWoodstoves	NumberCatalytic	0.82	0.00
tblWoodstoves	NumberNoncatalytic	0.82	0.00
tblWoodstoves	WoodstoveWoodMass	582.40	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					
2020	0.2058	1.1179	0.9467	1.5300e-003	0.0236	0.0617	0.0852	0.0100	0.0577	0.0677	0.0000	133.5500	133.5500	0.0338	0.0000	134.3948
2021	0.1576	0.6574	0.6161	9.8000e-004	6.4000e-004	0.0353	0.0359	1.8000e-004	0.0329	0.0331	0.0000	86.3782	86.3782	0.0227	0.0000	86.9456
Maximum	**0.2058**	**1.1179**	**0.9467**	**1.5300e-003**	**0.0236**	**0.0617**	**0.0852**	**0.0100**	**0.0577**	**0.0677**	**0.0000**	**133.5500**	**133.5500**	**0.0338**	**0.0000**	**134.3948**

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					
2020	0.1429	0.3909	0.9843	1.5300e-003	0.0110	0.0184	0.0294	4.6300e-003	0.0180	0.0226	0.0000	133.5499	133.5499	0.0338	0.0000	134.3946
2021	0.1163	0.1777	0.6461	9.8000e-004	6.4000e-004	7.3700e-003	8.0100e-003	1.8000e-004	7.3700e-003	7.5500e-003	0.0000	86.3781	86.3781	0.0227	0.0000	86.9455
Maximum	**0.1429**	**0.3909**	**0.9843**	**1.5300e-003**	**0.0110**	**0.0184**	**0.0294**	**4.6300e-003**	**0.0180**	**0.0226**	**0.0000**	**133.5499**	**133.5499**	**0.0338**	**0.0000**	**134.3946**

	ROG	NOx	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	**28.67**	**67.98**	**-4.33**	**0.00**	**51.72**	**73.44**	**69.10**	**52.80**	**72.00**	**70.06**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Quarter	Start Date	End Date	Maximum Unmitigated ROG + NOX (tons/quarter)	Maximum Mitigated ROG + NOX (tons/quarter)
1	**4-1-2020**	**6-30-2020**	0.4141	0.2200
2	**7-1-2020**	**9-30-2020**	0.4537	0.1575
3	**10-1-2020**	**12-31-2020**	0.4500	0.1553
4	**1-1-2021**	**3-31-2021**	0.4027	0.1451
5	**4-1-2021**	**6-30-2021**	0.4080	0.1475
6	**7-1-2021**	**9-30-2021**	0.0045	0.0016
		Highest	0.4537	0.2200

2.2 Overall Operational

Unmitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1252	3.7300e-003	0.3052	2.0000e-005		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	0.7476	0.7476	4.9000e-004	0.0000	0.7611
Energy	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	77.1404	77.1404	3.7400e-003	1.0500e-003	77.5456
Mobile	0.0914	0.4061	1.1639	4.2000e-003	0.3926	3.5200e-003	0.3961	0.1051	3.2900e-003	0.1084	0.0000	384.1027	384.1027	0.0124	0.0000	384.4133
Stationary	0.0220	2.1200e-003	0.0573	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	1.2748	1.2748	2.6700e-003	0.0000	1.3415
Waste						0.0000	0.0000		0.0000	0.0000	7.5939	0.0000	7.5939	0.4488	0.0000	18.8136
Water						0.0000	0.0000		0.0000	0.0000	0.8475	4.6119	5.4594	0.0873	2.1100e-003	8.2712
Total	**0.2405**	**0.4283**	**1.5333**	**4.3300e-003**	**0.3926**	**6.6600e-003**	**0.3992**	**0.1051**	**6.4300e-003**	**0.1115**	**8.4414**	**467.8773**	**476.3187**	**0.5554**	**3.1600e-003**	**491.1462**

Mitigated Operational

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Area	0.1252	3.7300e-003	0.3052	2.0000e-005		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	0.7476	0.7476	4.9000e-004	0.0000	0.7611
Energy	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	77.1404	77.1404	3.7400e-003	1.0500e-003	77.5456
Mobile	0.0914	0.4061	1.1639	4.2000e-003	0.3926	3.5200e-003	0.3961	0.1051	3.2900e-003	0.1084	0.0000	384.1027	384.1027	0.0124	0.0000	384.4133
Stationary	0.0220	2.1200e-003	0.0573	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	1.2748	1.2748	2.6700e-003	0.0000	1.3415
Waste						0.0000	0.0000		0.0000	0.0000	7.5939	0.0000	7.5939	0.4488	0.0000	18.8136
Water						0.0000	0.0000		0.0000	0.0000	0.8475	4.6119	5.4594	0.0873	2.1100e-003	8.2712
Total	**0.2405**	**0.4283**	**1.5333**	**4.3300e-003**	**0.3926**	**6.6600e-003**	**0.3992**	**0.1051**	**6.4300e-003**	**0.1115**	**8.4414**	**467.8773**	**476.3187**	**0.5554**	**3.1600e-003**	**491.1462**

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

Percent Reduction	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

3.0 Construction Detail

Construction Phase

Phase Number	Phase Name	Phase Type	Start Date	End Date	Num Days Week	Num Days	Phase Description
1	Site Preparation	Site Preparation	4/1/2020	4/15/2020	5	11	
2	Grading	Grading	4/15/2020	6/15/2020	5	44	
3	Paving	Paving	6/1/2020	7/1/2020	5	23	
4	Building Construction	Building Construction	7/1/2020	7/1/2021	5	262	
5	Architectural Coating	Architectural Coating	7/1/2020	7/1/2021	5	262	

Acres of Grading (Site Preparation Phase): 5.5

Acres of Grading (Grading Phase): 5.5

Acres of Paving: 0.45

Residential Indoor: 49,677; Residential Outdoor: 16,559; Non-Residential Indoor: 0; Non-Residential Outdoor: 0; Striped Parking

OffRoad Equipment

Phase Name	Offroad Equipment Type	Amount	Usage Hours	Horse Power	Load Factor
Site Preparation	Graders	1	8.00	187	0.41
Site Preparation	Tractors/Loaders/Backhoes	1	8.00	97	0.37
Grading	Concrete/Industrial Saws	1	8.00	81	0.73
Grading	Rubber Tired Dozers	1	1.00	247	0.40
Grading	Tractors/Loaders/Backhoes	2	6.00	97	0.37
Grading	Trenchers	1	4.00	78	0.50
Paving	Cement and Mortar Mixers	4	6.00	9	0.56
Paving	Pavers	1	7.00	130	0.42
Paving	Rollers	1	7.00	80	0.38
Paving	Tractors/Loaders/Backhoes	1	7.00	97	0.37
Building Construction	Cranes	1	4.00	231	0.29
Building Construction	Forklifts	2	6.00	89	0.20

Building Construction	Tractors/Loaders/Backhoes	2	8.00	97	0.37
Architectural Coating	Air Compressors	1	6.00	78	0.48

Trips and VMT

Phase Name	Offroad Equipment Count	Worker Trip Number	Vendor Trip Number	Hauling Trip Number	Worker Trip Length	Vendor Trip Length	Hauling Trip Length	Worker Vehicle Class	Vendor Vehicle Class	Hauling Vehicle Class
Site Preparation	2	5.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Grading	5	13.00	0.00	768.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Paving	7	18.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Building Construction	5	44.00	10.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT
Architectural Coating	1	9.00	0.00	0.00	0.19	0.19	0.19	LD_Mix	HDT_Mix	HHDT

3.1 Mitigation Measures Construction

Use Cleaner Engines for Construction Equipment

Water Exposed Area

Reduce Vehicle Speed on Unpaved Roads

3.2 Site Preparation - 2020

Unmitigated Construction On-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Fugitive Dust					2.9200e-003	0.0000	2.9200e-003	3.1000e-004	0.0000	3.1000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	3.7700e-003	0.0464	0.0225	5.0000e-005		1.8400e-003	1.8400e-003		1.7000e-003	1.7000e-003	0.0000	4.7075	4.7075	1.5200e-003	0.0000	4.7456
Total	**3.7700e-003**	**0.0464**	**0.0225**	**5.0000e-005**	**2.9200e-003**	**1.8400e-003**	**4.7600e-003**	**3.1000e-004**	**1.7000e-003**	**2.0100e-003**	**0.0000**	**4.7075**	**4.7075**	**1.5200e-003**	**0.0000**	**4.7456**

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	3.0000e-005	1.0000e-005	1.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	8.7500e-003	8.7500e-003	0.0000	0.0000	8.7700e-003
Total	**3.0000e-005**	**1.0000e-005**	**1.4000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**8.7500e-003**	**8.7500e-003**	**0.0000**	**0.0000**	**8.7700e-003**

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					1.3100e-003	0.0000	1.3100e-003	1.4000e-004	0.0000	1.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	6.6000e-004	2.8400e-003	0.0292	5.0000e-005		9.0000e-005	9.0000e-005		9.0000e-005	9.0000e-005	0.0000	4.7075	4.7075	1.5200e-003	0.0000	4.7456
Total	**6.6000e-004**	**2.8400e-003**	**0.0292**	**5.0000e-005**	**1.3100e-003**	**9.0000e-005**	**1.4000e-003**	**1.4000e-004**	**9.0000e-005**	**2.3000e-004**	**0.0000**	**4.7075**	**4.7075**	**1.5200e-003**	**0.0000**	**4.7456**

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	3.0000e-005	1.0000e-005	1.4000e-004	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	8.7500e-003	8.7500e-003	0.0000	0.0000	8.7700e-003
Total	**3.0000e-005**	**1.0000e-005**	**1.4000e-004**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**0.0000**	**8.7500e-003**	**8.7500e-003**	**0.0000**	**0.0000**	**8.7700e-003**

3.3 Grading - 2020

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					0.0198	0.0000	0.0198	9.4700e-003	0.0000	9.4700e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0237	0.2150	0.1967	3.0000e-004		0.0134	0.0134		0.0127	0.0127	0.0000	26.1579	26.1579	5.3800e-003	0.0000	26.2925
Total	**0.0237**	**0.2150**	**0.1967**	**3.0000e-004**	**0.0198**	**0.0134**	**0.0332**	**9.4700e-003**	**0.0127**	**0.0222**	**0.0000**	**26.1579**	**26.1579**	**5.3800e-003**	**0.0000**	**26.2925**

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	7.3000e-004	0.0365	5.7700e-003	4.0000e-005	7.0000e-005	2.0000e-005	9.0000e-005	2.0000e-005	2.0000e-005	4.0000e-005	0.0000	3.9514	3.9514	5.0000e-004	0.0000	3.9638
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	2.6000e-004	1.0000e-004	1.4400e-003	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0910	0.0910	1.0000e-005	0.0000	0.0912
Total	**9.9000e-004**	**0.0366**	**7.2100e-003**	**4.0000e-005**	**1.1000e-004**	**2.0000e-005**	**1.3000e-004**	**3.0000e-005**	**2.0000e-005**	**5.0000e-005**	**0.0000**	**4.0424**	**4.0424**	**5.1000e-004**	**0.0000**	**4.0550**

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					8.9200e-003	0.0000	8.9200e-003	4.2600e-003	0.0000	4.2600e-003	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0154	0.1210	0.1979	3.0000e-004		7.6900e-003	7.6900e-003		7.4400e-003	7.4400e-003	0.0000	26.1578	26.1578	5.3800e-003	0.0000	26.2924
Total	**0.0154**	**0.1210**	**0.1979**	**3.0000e-004**	**8.9200e-003**	**7.6900e-003**	**0.0166**	**4.2600e-003**	**7.4400e-003**	**0.0117**	**0.0000**	**26.1578**	**26.1578**	**5.3800e-003**	**0.0000**	**26.2924**

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	7.3000e-004	0.0365	5.7700e-003	4.0000e-005	7.0000e-005	2.0000e-005	9.0000e-005	2.0000e-005	2.0000e-005	4.0000e-005	0.0000	3.9514	3.9514	5.0000e-004	0.0000	3.9638
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	2.6000e-004	1.0000e-004	1.4400e-003	0.0000	4.0000e-005	0.0000	4.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0910	0.0910	1.0000e-005	0.0000	0.0912
Total	**9.9000e-004**	**0.0366**	**7.2100e-003**	**4.0000e-005**	**1.1000e-004**	**2.0000e-005**	**1.3000e-004**	**3.0000e-005**	**2.0000e-005**	**5.0000e-005**	**0.0000**	**4.0424**	**4.0424**	**5.1000e-004**	**0.0000**	**4.0550**

3.4 Paving - 2020

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	8.8700e-003	0.0831	0.0818	1.3000e-004		4.5400e-003	4.5400e-003		4.2200e-003	4.2200e-003	0.0000	10.8019	10.8019	3.1500e-003	0.0000	10.8805

Paving	5.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**9.4600e-003**	**0.0831**	**0.0818**	**1.3000e-004**		**4.5400e-003**	**4.5400e-003**		**4.2200e-003**	**4.2200e-003**	**0.0000**	**10.8019**	**10.8019**	**3.1500e-003**	**0.0000**	**10.8805**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	7.0000e-005	1.0400e-003	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0659	0.0659	0.0000	0.0000	0.0660
Total	**1.9000e-004**	**7.0000e-005**	**1.0400e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0659**	**0.0659**	**0.0000**	**0.0000**	**0.0660**

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	5.0900e-003	0.0378	0.0891	1.3000e-004		1.9600e-003	1.9600e-003		1.8500e-003	1.8500e-003	0.0000	10.8019	10.8019	3.1500e-003	0.0000	10.8805
Paving	5.9000e-004					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Total	**5.6800e-003**	**0.0378**	**0.0891**	**1.3000e-004**		**1.9600e-003**	**1.9600e-003**		**1.8500e-003**	**1.8500e-003**	**0.0000**	**10.8019**	**10.8019**	**3.1500e-003**	**0.0000**	**10.8805**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	1.9000e-004	7.0000e-005	1.0400e-003	0.0000	3.0000e-005	0.0000	3.0000e-005	1.0000e-005	0.0000	1.0000e-005	0.0000	0.0659	0.0659	0.0000	0.0000	0.0660
Total	**1.9000e-004**	**7.0000e-005**	**1.0400e-003**	**0.0000**	**3.0000e-005**	**0.0000**	**3.0000e-005**	**1.0000e-005**	**0.0000**	**1.0000e-005**	**0.0000**	**0.0659**	**0.0659**	**0.0000**	**0.0000**	**0.0660**

3.5 Building Construction - 2020

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	0.0569	0.5843	0.4876	7.5000e-004		0.0345	0.0345		0.0317	0.0317	0.0000	66.0399	66.0399	0.0214	0.0000	66.5739
Total	**0.0569**	**0.5843**	**0.4876**	**7.5000e-004**		**0.0345**	**0.0345**		**0.0317**	**0.0317**	**0.0000**	**66.0399**	**66.0399**	**0.0214**	**0.0000**	**66.5739**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	1.0700e-003	0.0402	0.0113	4.0000e-005	1.3000e-004	3.0000e-005	1.6000e-004	4.0000e-005	3.0000e-005	7.0000e-005	0.0000	3.7610	3.7610	4.8000e-004	0.0000	3.7731
Worker	2.6900e-003	1.0200e-003	0.0146	1.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.4000e-004	0.0000	0.9242	0.9242	7.0000e-005	0.0000	0.9260
Total	**3.7600e-003**	**0.0412**	**0.0259**	**5.0000e-005**	**5.6000e-004**	**5.0000e-005**	**6.1000e-004**	**1.6000e-004**	**5.0000e-005**	**2.1000e-004**	**0.0000**	**4.6852**	**4.6852**	**5.5000e-004**	**0.0000**	**4.6990**

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	9.2200e-003	0.0399	0.5099	7.5000e-004		1.2300e-003	1.2300e-003		1.2300e-003	1.2300e-003	0.0000	66.0398	66.0398	0.0214	0.0000	66.5738
Total	**9.2200e-003**	**0.0399**	**0.5099**	**7.5000e-004**		**1.2300e-003**	**1.2300e-003**		**1.2300e-003**	**1.2300e-003**	**0.0000**	**66.0398**	**66.0398**	**0.0214**	**0.0000**	**66.5738**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	1.0700e-003	0.0402	0.0113	4.0000e-005	1.3000e-004	3.0000e-005	1.6000e-004	4.0000e-005	3.0000e-005	7.0000e-005	0.0000	3.7610	3.7610	4.8000e-004	0.0000	3.7731
Worker	2.6900e-003	1.0200e-003	0.0146	1.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.4000e-004	0.0000	0.9242	0.9242	7.0000e-005	0.0000	0.9260
Total	**3.7600e-003**	**0.0412**	**0.0259**	**5.0000e-005**	**5.6000e-004**	**5.0000e-005**	**6.1000e-004**	**1.6000e-004**	**5.0000e-005**	**2.1000e-004**	**0.0000**	**4.6852**	**4.6852**	**5.5000e-004**	**0.0000**	**4.6990**

3.5 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	0.0504	0.5190	0.4721	7.4000e-004		0.0291	0.0291		0.0268	0.0268	0.0000	65.0533	65.0533	0.0210	0.0000	65.5793
Total	**0.0504**	**0.5190**	**0.4721**	**7.4000e-004**		**0.0291**	**0.0291**		**0.0268**	**0.0268**	**0.0000**	**65.0533**	**65.0533**	**0.0210**	**0.0000**	**65.5793**

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	9.7000e-004	0.0381	0.0103	4.0000e-005	1.3000e-004	2.0000e-005	1.5000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	3.6681	3.6681	4.5000e-004	0.0000	3.6792
Worker	2.4100e-003	8.8000e-004	0.0129	1.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.3000e-004	0.0000	0.8805	0.8805	6.0000e-005	0.0000	0.8820
Total	**3.3800e-003**	**0.0389**	**0.0232**	**5.0000e-005**	**5.6000e-004**	**4.0000e-005**	**6.0000e-004**	**1.6000e-004**	**4.0000e-005**	**1.9000e-004**	**0.0000**	**4.5486**	**4.5486**	**5.1000e-004**	**0.0000**	**4.5613**

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	9.0800e-003	0.0393	0.5022	7.4000e-004		1.2100e-003	1.2100e-003		1.2100e-003	1.2100e-003	0.0000	65.0533	65.0533	0.0210	0.0000	65.5792

Total	**9.0800e-003**	**0.0393**	**0.5022**	**7.4000e-004**		**1.2100e-003**	**1.2100e-003**		**1.2100e-003**	**1.2100e-003**	**0.0000**	**65.0533**	**65.0533**	**0.0210**	**0.0000**	**65.5792**

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	9.7000e-004	0.0381	0.0103	4.0000e-005	1.3000e-004	2.0000e-005	1.5000e-004	4.0000e-005	2.0000e-005	6.0000e-005	0.0000	3.6681	3.6681	4.5000e-004	0.0000	3.6792
Worker	2.4100e-003	8.8000e-004	0.0129	1.0000e-005	4.3000e-004	2.0000e-005	4.5000e-004	1.2000e-004	2.0000e-005	1.3000e-004	0.0000	0.8805	0.8805	6.0000e-005	0.0000	0.8820
Total	**3.3800e-003**	**0.0389**	**0.0232**	**5.0000e-005**	**5.6000e-004**	**4.0000e-005**	**6.0000e-004**	**1.6000e-004**	**4.0000e-005**	**1.9000e-004**	**0.0000**	**4.5486**	**4.5486**	**5.1000e-004**	**0.0000**	**4.5613**

3.6 Architectural Coating - 2020

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	0.0905					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0160	0.1111	0.1209	2.0000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	16.8515	16.8515	1.3000e-003	0.0000	16.8841
Total	**0.1065**	**0.1111**	**0.1209**	**2.0000e-004**		**7.3200e-003**	**7.3200e-003**		**7.3200e-003**	**7.3200e-003**	**0.0000**	**16.8515**	**16.8515**	**1.3000e-003**	**0.0000**	**16.8841**

Unmitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	2.1000e-004	2.9900e-003	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1890	0.1890	1.0000e-005	0.0000	0.1894
Total	**5.5000e-004**	**2.1000e-004**	**2.9900e-003**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.1890**	**0.1890**	**1.0000e-005**	**0.0000**	**0.1894**

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	0.0905					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0160	0.1111	0.1209	2.0000e-004		7.3200e-003	7.3200e-003		7.3200e-003	7.3200e-003	0.0000	16.8515	16.8515	1.3000e-003	0.0000	16.8841
Total	**0.1065**	**0.1111**	**0.1209**	**2.0000e-004**		**7.3200e-003**	**7.3200e-003**		**7.3200e-003**	**7.3200e-003**	**0.0000**	**16.8515**	**16.8515**	**1.3000e-003**	**0.0000**	**16.8841**

Mitigated Construction Off-Site

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Hauling	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

Vendor	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Worker	5.5000e-004	2.1000e-004	2.9900e-003	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1890	0.1890	1.0000e-005	0.0000	0.1894
Total	**5.5000e-004**	**2.1000e-004**	**2.9900e-003**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.1890**	**0.1890**	**1.0000e-005**	**0.0000**	**0.1894**

3.6 Architectural Coating - 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					
Archit. Coating	0.0891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0142	0.0992	0.1181	1.9000e-004		6.1200e-003	6.1200e-003		6.1200e-003	6.1200e-003	0.0000	16.5962	16.5962	1.1400e-003	0.0000	16.6246
Total	**0.1034**	**0.0992**	**0.1181**	**1.9000e-004**		**6.1200e-003**	**6.1200e-003**		**6.1200e-003**	**6.1200e-003**	**0.0000**	**16.5962**	**16.5962**	**1.1400e-003**	**0.0000**	**16.6246**

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	4.9000e-004	1.8000e-004	2.6400e-003	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1801	0.1801	1.0000e-005	0.0000	0.1804
Total	**4.9000e-004**	**1.8000e-004**	**2.6400e-003**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.1801**	**0.1801**	**1.0000e-005**	**0.0000**	**0.1804**

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	0.0891					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Off-Road	0.0142	0.0992	0.1181	1.9000e-004		6.1200e-003	6.1200e-003		6.1200e-003	6.1200e-003	0.0000	16.5961	16.5961	1.1400e-003	0.0000	16.6246
Total	**0.1034**	**0.0992**	**0.1181**	**1.9000e-004**		**6.1200e-003**	**6.1200e-003**		**6.1200e-003**	**6.1200e-003**	**0.0000**	**16.5961**	**16.5961**	**1.1400e-003**	**0.0000**	**16.6246**

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	4.9000e-004	1.8000e-004	2.6400e-003	0.0000	9.0000e-005	0.0000	9.0000e-005	2.0000e-005	0.0000	3.0000e-005	0.0000	0.1801	0.1801	1.0000e-005	0.0000	0.1804
Total	**4.9000e-004**	**1.8000e-004**	**2.6400e-003**	**0.0000**	**9.0000e-005**	**0.0000**	**9.0000e-005**	**2.0000e-005**	**0.0000**	**3.0000e-005**	**0.0000**	**0.1801**	**0.1801**	**1.0000e-005**	**0.0000**	**0.1804**

4.0 Operational Detail - Mobile

4.1 Mitigation Measures Mobile

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Mitigated	0.0914	0.4061	1.1639	4.2000e-003	0.3926	3.5200e-003	0.3961	0.1051	3.2900e-003	0.1084	0.0000	384.1027	384.1027	0.0124	0.0000	384.4133
Unmitigated	0.0914	0.4061	1.1639	4.2000e-003	0.3926	3.5200e-003	0.3961	0.1051	3.2900e-003	0.1084	0.0000	384.1027	384.1027	0.0124	0.0000	384.4133

4.2 Trip Summary Information

	Average Daily Trip Rate			Unmitigated	Mitigated
Land Use	Weekday	Saturday	Sunday	Annual VMT	Annual VMT
Congregate Care (Assisted Living)	362.03	362.03	362.03	1,055,681	1,055,681
Enclosed Parking with Elevator	0.00	0.00	0.00		
Other Asphalt Surfaces	0.00	0.00	0.00		
Parking Lot	0.00	0.00	0.00		
Total	362.03	362.03	362.03	1,055,681	1,055,681

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-	H-S or C-C	H-O or C-NW	Primary	Diverted	Pass-by
Congregate Care (Assisted Living)	8.01	8.01	8.01	31.00	15.00	54.00	100	0	0
Enclosed Parking with Elevator	9.50	7.30	7.30	0.00	0.00	0.00	0	0	0
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
Congregate Care (Assisted Living)	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Enclosed Parking with Elevator	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Other Asphalt Surfaces	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740
Parking Lot	0.610498	0.036775	0.183084	0.106123	0.014413	0.005007	0.012610	0.021118	0.002144	0.001548	0.005312	0.000627	0.000740

5.0 Energy Detail

Historical Energy Use: N

5.1 Mitigation Measures Energy

	ROG	NOx	CO	SO2	Fugitive PM10	Exhaust PM10	PM10 Total	Fugitive PM2.5	Exhaust PM2.5	PM2.5 Total	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Category	tons/yr										MT/yr					
Electricity Mitigated						0.0000	0.0000		0.0000	0.0000	0.0000	58.2380	58.2380	3.3800e-003	7.0000e-004	58.5309
Electricity Unmitigated						0.0000	0.0000		0.0000	0.0000	0.0000	58.2380	58.2380	3.3800e-003	7.0000e-004	58.5309
NaturalGas Mitigated	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9024	18.9024	3.6000e-004	3.5000e-004	19.0147
NaturalGas Unmitigated	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9024	18.9024	3.6000e-004	3.5000e-004	19.0147

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					
Congregate Care (Assisted Living)	354217	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9024	18.9024	3.6000e-004	3.5000e-004	19.0147
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
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		**1.9100e-003**	**0.0163**	**6.9500e-003**	**1.0000e-004**		**1.3200e-003**	**1.3200e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**18.9024**	**18.9024**	**3.6000e-004**	**3.5000e-004**	**19.0147**

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					
Congregate Care (Assisted Living)	354217	1.9100e-003	0.0163	6.9500e-003	1.0000e-004		1.3200e-003	1.3200e-003		1.3200e-003	1.3200e-003	0.0000	18.9024	18.9024	3.6000e-004	3.5000e-004	19.0147
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
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		**1.9100e-003**	**0.0163**	**6.9500e-003**	**1.0000e-004**		**1.3200e-003**	**1.3200e-003**		**1.3200e-003**	**1.3200e-003**	**0.0000**	**18.9024**	**18.9024**	**3.6000e-004**	**3.5000e-004**	**19.0147**

5.3 Energy by Land Use - Electricity

Unmitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	169262	38.3620	2.2300e-003	4.6000e-004	38.5549
Enclosed Parking with Elevator	81635.7	18.5021	1.0700e-003	2.2000e-004	18.5951
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	6062.35	1.3740	8.0000e-005	2.0000e-005	1.3809
Total		**58.2380**	**3.3800e-003**	**7.0000e-004**	**58.5309**

Mitigated

	Electricity Use	Total CO2	CH4	N2O	CO2e
Land Use	kWh/yr	MT/yr			
Congregate Care (Assisted Living)	169262	38.3620	2.2300e-003	4.6000e-004	38.5549
Enclosed Parking with Elevator	81635.7	18.5021	1.0700e-003	2.2000e-004	18.5951
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	6062.35	1.3740	8.0000e-005	2.0000e-005	1.3809
Total		**58.2380**	**3.3800e-003**	**7.0000e-004**	**58.5309**

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	0.1252	3.7300e-003	0.3052	2.0000e-005		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	0.7476	0.7476	4.9000e-004	0.0000	0.7611
Unmitigated	0.1252	3.7300e-003	0.3052	2.0000e-005		1.7000e-003	1.7000e-003		1.7000e-003	1.7000e-003	0.0000	0.7476	0.7476	4.9000e-004	0.0000	0.7611

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	0.0180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.0000e-005	2.2000e-004	9.0000e-005	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2497	0.2497	0.0000	0.0000	0.2512
Landscaping	9.2300e-003	3.5200e-003	0.3051	2.0000e-005		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	0.4979	0.4979	4.8000e-004	0.0000	0.5099
Total	**0.1252**	**3.7400e-003**	**0.3052**	**2.0000e-005**		**1.7000e-003**	**1.7000e-003**		**1.7000e-003**	**1.7000e-003**	**0.0000**	**0.7476**	**0.7476**	**4.8000e-004**	**0.0000**	**0.7611**

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	0.0180					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Consumer Products	0.0980					0.0000	0.0000		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
Hearth	3.0000e-005	2.2000e-004	9.0000e-005	0.0000		2.0000e-005	2.0000e-005		2.0000e-005	2.0000e-005	0.0000	0.2497	0.2497	0.0000	0.0000	0.2512
Landscaping	9.2300e-003	3.5200e-003	0.3051	2.0000e-005		1.6800e-003	1.6800e-003		1.6800e-003	1.6800e-003	0.0000	0.4979	0.4979	4.8000e-004	0.0000	0.5099
Total	**0.1252**	**3.7400e-003**	**0.3052**	**2.0000e-005**		**1.7000e-003**	**1.7000e-003**		**1.7000e-003**	**1.7000e-003**	**0.0000**	**0.7476**	**0.7476**	**4.8000e-004**	**0.0000**	**0.7611**

7.0 Water Detail

7.1 Mitigation Measures Water

	Total CO2	CH4	N2O	CO2e

Category	MT/yr			
Mitigated	5.4594	0.0873	2.1100e-003	8.2712
Unmitigated	5.4594	0.0873	2.1100e-003	8.2712

7.2 Water by Land Use

Unmitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	2.67132 / 1.68409	5.4594	0.0873	2.1100e-003	8.2712
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
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		**5.4594**	**0.0873**	**2.1100e-003**	**8.2712**

Mitigated

	Indoor/Outdoor Use	Total CO2	CH4	N2O	CO2e
Land Use	Mgal	MT/yr			
Congregate Care (Assisted Living)	2.67132 / 1.68409	5.4594	0.0873	2.1100e-003	8.2712
Enclosed Parking with Elevator	0 / 0	0.0000	0.0000	0.0000	0.0000
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		**5.4594**	**0.0873**	**2.1100e-003**	**8.2712**

8.0 Waste Detail

8.1 Mitigation Measures Waste

Category/Year

	Total CO2	CH4	N2O	CO2e
	MT/yr			
Mitigated	7.5939	0.4488	0.0000	18.8136
Unmitigated	7.5939	0.4488	0.0000	18.8136

8.2 Waste by Land Use

Unmitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	37.41	7.5939	0.4488	0.0000	18.8136
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000

Total		**7.5939**	**0.4488**	**0.0000**	**18.8136**

Mitigated

	Waste Disposed	Total CO2	CH4	N2O	CO2e
Land Use	tons	MT/yr			
Congregate Care (Assisted Living)	37.41	7.5939	0.4488	0.0000	18.8136
Enclosed Parking with Elevator	0	0.0000	0.0000	0.0000	0.0000
Other Asphalt Surfaces	0	0.0000	0.0000	0.0000	0.0000
Parking Lot	0	0.0000	0.0000	0.0000	0.0000
Total		**7.5939**	**0.4488**	**0.0000**	**18.8136**

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
Emergency Generator	1	1	50	40	0.73	CNG
Emergency Generator	1	1	50	60	0.73	CNG

Boilers

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

User Defined Equipment

Equipment Type	Number

10.1 Stationary Sources

Unmitigated/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
Equipment Type	tons/yr										MT/yr					
Emergency Generator - CNG	0.0220	2.1200e-003	0.0573	1.0000e-005		1.2000e-004	1.2000e-004		1.2000e-004	1.2000e-004	0.0000	1.2748	1.2748	2.6700e-003	0.0000	1.3415
Total	**0.0220**	**2.1200e-003**	**0.0573**	**1.0000e-005**		**1.2000e-004**	**1.2000e-004**		**1.2000e-004**	**1.2000e-004**	**0.0000**	**1.2748**	**1.2748**	**2.6700e-003**	**0.0000**	**1.3415**

11.0 Vegetation

CalEEMod Version: CalEEMod.2016.3.2

Date: 1/21/2020 12:07 PM

Palm Villas Saratoga Project - Construction HRA

Santa Clara County, Mitigation Report

Construction Mitigation Summary

Phase	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	0.78	0.87	-0.05	0.00	0.96	0.96	0.00	0.00	0.00	0.00	0.00	0.00
Grading	0.34	0.37	-0.01	0.00	0.43	0.41	0.00	0.00	0.00	0.00	0.00	0.00
Paving	0.39	0.54	-0.09	0.00	0.57	0.56	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	0.82	0.94	-0.30	0.00	0.95	0.95	0.00	0.00	0.00	0.00	0.00	0.00

OFFROAD Equipment Mitigation

Equipment Type	Fuel Type	Tier	Number Mitigated	Total Number of Equipment	DPF	Oxidation Catalyst
Air Compressors	Diesel	No Change	0	1	No Change	0.00
Cement and Mortar Mixers	Diesel	No Change	0	4	No Change	0.00
Concrete/Industrial Saws	Diesel	No Change	0	1	No Change	0.00
Cranes	Diesel	Tier 4 Final	1	1	No Change	0.00
Forklifts	Diesel	Tier 4 Final	2	2	No Change	0.00
Graders	Diesel	Tier 4 Final	1	1	No Change	0.00
Pavers	Diesel	Tier 4 Final	1	1	No Change	0.00
Rollers	Diesel	No Change	0	1	No Change	0.00
Rubber Tired Dozers	Diesel	Tier 4 Final	1	1	No Change	0.00

Tractors/Loaders/Backhoes	Diesel	Tier 4 Final	6	6	No Change	0.00
Trenchers	Diesel	No Change	0	1	No Change	0.00

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Unmitigated tons/yr						Unmitigated mt/yr					
Air Compressors	3.02100E-002	2.10380E-001	2.39010E-001	3.90000E-004	1.34400E-002	1.34400E-002	0.00000E+000	3.34476E+001	3.34476E+001	2.44000E-003	0.00000E+000	3.35087E+001
Cement and Mortar Mixers	2.03000E-003	1.27000E-002	1.06400E-002	2.00000E-005	4.90000E-004	4.90000E-004	0.00000E+000	1.58105E+000	1.58105E+000	1.60000E-004	0.00000E+000	1.58516E+000
Concrete/Industrial Saws	9.20000E-003	7.25700E-002	8.11000E-002	1.40000E-004	4.36000E-003	4.36000E-003	0.00000E+000	1.18284E+001	1.18284E+001	7.50000E-004	0.00000E+000	1.18472E+001
Cranes	2.83800E-002	3.35520E-001	1.34250E-001	3.80000E-004	1.37300E-002	1.26300E-002	0.00000E+000	3.32021E+001	3.32021E+001	1.07400E-002	0.00000E+000	3.34706E+001
Forklifts	2.68700E-002	2.43420E-001	2.30710E-001	3.00000E-004	1.77300E-002	1.63100E-002	0.00000E+000	2.63882E+001	2.63882E+001	8.53000E-003	0.00000E+000	2.66016E+001
Graders	2.62000E-003	3.47900E-002	9.98000E-003	4.00000E-005	1.11000E-003	1.02000E-003	0.00000E+000	3.20686E+000	3.20686E+000	1.04000E-003	0.00000E+000	3.23278E+000
Pavers	2.64000E-003	2.82800E-002	2.91600E-002	5.00000E-005	1.37000E-003	1.26000E-003	0.00000E+000	4.15597E+000	4.15597E+000	1.34000E-003	0.00000E+000	4.18958E+000
Rollers	2.09000E-003	2.09400E-002	1.90500E-002	3.00000E-005	1.34000E-003	1.23000E-003	0.00000E+000	2.31926E+000	2.31926E+000	7.50000E-004	0.00000E+000	2.33801E+000
Rubber Tired Dozers	2.97000E-003	3.11600E-002	1.13600E-002	2.00000E-005	1.53000E-003	1.40000E-003	0.00000E+000	2.06402E+000	2.06402E+000	6.70000E-004	0.00000E+000	2.08071E+000
Tractors/Loaders/Backhoes	6.21700E-002	6.26570E-001	7.05460E-001	9.60000E-004	3.85700E-002	3.54800E-002	0.00000E+000	8.47533E+001	8.47533E+001	2.74100E-002	0.00000E+000	8.54386E+001
Trenchers	4.62000E-003	4.17600E-002	2.90000E-002	4.00000E-005	3.13000E-003	2.88000E-003	0.00000E+000	3.26127E+000	3.26127E+000	1.05000E-003	0.00000E+000	3.28764E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
	Mitigated tons/yr						Mitigated mt/yr					
Air Compressors	3.02100E-002	2.10380E-001	2.39010E-001	3.90000E-004	1.34400E-002	1.34400E-002	0.00000E+000	3.34476E+001	3.34476E+001	2.44000E-003	0.00000E+000	3.35087E+001
Cement and Mortar Mixers	2.03000E-003	1.27000E-002	1.06400E-002	2.00000E-005	4.90000E-004	4.90000E-004	0.00000E+000	1.58105E+000	1.58105E+000	1.60000E-004	0.00000E+000	1.58515E+000
Concrete/Industrial Saws	9.20000E-003	7.25700E-002	8.11000E-002	1.40000E-004	4.36000E-003	4.36000E-003	0.00000E+000	1.18284E+001	1.18284E+001	7.50000E-004	0.00000E+000	1.18472E+001
Cranes	4.64000E-003	2.01200E-002	1.70250E-001	3.80000E-004	6.20000E-004	6.20000E-004	0.00000E+000	3.32021E+001	3.32021E+001	1.07400E-002	0.00000E+000	3.34705E+001
Forklifts	3.70000E-003	1.60400E-002	2.28250E-001	3.00000E-004	4.90000E-004	4.90000E-004	0.00000E+000	2.63882E+001	2.63882E+001	8.53000E-003	0.00000E+000	2.66016E+001
Graders	4.50000E-004	1.93000E-003	1.63600E-002	4.00000E-005	6.00000E-005	6.00000E-005	0.00000E+000	3.20685E+000	3.20685E+000	1.04000E-003	0.00000E+000	3.23278E+000
Pavers	5.80000E-004	2.52000E-003	3.58500E-002	5.00000E-005	8.00000E-005	8.00000E-005	0.00000E+000	4.15597E+000	4.15597E+000	1.34000E-003	0.00000E+000	4.18957E+000
Rollers	2.09000E-003	2.09400E-002	1.90500E-002	3.00000E-005	1.34000E-003	1.23000E-003	0.00000E+000	2.31925E+000	2.31925E+000	7.50000E-004	0.00000E+000	2.33801E+000

Rubber Tired Dozers	2.90000E-004	1.25000E-003	1.05400E-002	2.00000E-005	4.00000E-005	4.00000E-005	0.00000E+000	2.06402E+000	2.06402E+000	6.70000E-004	0.00000E+000	2.08071E+000
Tractors/Loaders/Backhoes	1.17900E-002	5.11100E-002	7.27360E-001	9.60000E-004	1.57000E-003	1.57000E-003	0.00000E+000	8.47532E+001	8.47532E+001	2.74100E-002	0.00000E+000	8.54385E+001
Trenchers	4.62000E-003	4.17600E-002	2.90000E-002	4.00000E-005	3.13000E-003	2.88000E-003	0.00000E+000	3.26126E+000	3.26126E+000	1.05000E-003	0.00000E+000	3.28763E+000

Equipment Type	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Air Compressors	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.19590E-006	1.19590E-006	0.00000E+000	0.00000E+000	8.95290E-007
Cement and Mortar Mixers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	6.30851E-006
Concrete/Industrial Saws	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	1.69084E-006	1.69084E-006	0.00000E+000	0.00000E+000	8.44083E-007
Cranes	8.36505E-001	9.40033E-001	-2.68156E-001	0.00000E+000	9.54843E-001	9.50911E-001	0.00000E+000	1.20474E-006	1.20474E-006	0.00000E+000	0.00000E+000	1.19508E-006
Forklifts	8.62300E-001	9.34106E-001	1.06627E-002	0.00000E+000	9.72363E-001	9.69957E-001	0.00000E+000	1.13687E-006	1.13687E-006	0.00000E+000	0.00000E+000	1.12775E-006
Graders	8.28244E-001	9.44524E-001	-6.39279E-001	0.00000E+000	9.45946E-001	9.41176E-001	0.00000E+000	3.11832E-006	3.11832E-006	0.00000E+000	0.00000E+000	0.00000E+000
Pavers	7.80303E-001	9.10891E-001	-2.29424E-001	0.00000E+000	9.41606E-001	9.36508E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	2.38687E-006
Rollers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	4.31172E-006	4.31172E-006	0.00000E+000	0.00000E+000	0.00000E+000
Rubber Tired Dozers	9.02357E-001	9.59884E-001	7.21831E-002	0.00000E+000	9.73856E-001	9.71429E-001	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000
Tractors/Loaders/Backhoes	8.10359E-001	9.18429E-001	-3.10436E-002	0.00000E+000	9.59295E-001	9.55750E-001	0.00000E+000	1.17990E-006	1.17990E-006	0.00000E+000	0.00000E+000	1.28747E-006
Trenchers	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	0.00000E+000	3.06629E-006	3.06629E-006	0.00000E+000	0.00000E+000	3.04170E-006

Fugitive Dust Mitigation

Yes/No	Mitigation Measure	Mitigation Input		Mitigation Input		Mitigation Input	
No	Soil Stabilizer for unpaved Roads	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
No	Replace Ground Cover of Area Disturbed	PM10 Reduction	0.00	PM2.5 Reduction	0.00		
Yes	Water Exposed Area	PM10 Reduction	55.00	PM2.5 Reduction	55.00	Frequency (per day)	2.00
No	Unpaved Road Mitigation	Moisture Content %	0.00	Vehicle Speed (mph)	15.00		

No	Clean Paved Road	% PM Reduction	0.00				

		Unmitigated		Mitigated		Percent Reduction	
Phase	Source	PM10	PM2.5	PM10	PM2.5	PM10	PM2.5
Architectural Coating	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Architectural Coating	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Building Construction	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Grading	Fugitive Dust	0.02	0.01	0.01	0.00	0.55	0.55
Grading	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Fugitive Dust	0.00	0.00	0.00	0.00	0.00	0.00
Paving	Roads	0.00	0.00	0.00	0.00	0.00	0.00
Site Preparation	Fugitive Dust	0.00	0.00	0.00	0.00	0.55	0.55
Site Preparation	Roads	0.00	0.00	0.00	0.00	0.00	0.00

Operational Percent Reduction Summary

Category	ROG	NOx	CO	SO2	Exhaust PM10	Exhaust PM2.5	Bio- CO2	NBio- CO2	Total CO2	CH4	N2O	CO2e
Percent Reduction												
Architectural Coating	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Consumer Products	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Electricity	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Hearth	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Landscaping	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Mobile	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Natural Gas	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Indoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Water Outdoor	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Operational Mobile Mitigation

Project Setting:

Mitigation	Category	Measure	% Reduction	Input Value 1	Input Value 2	Input Value 3
No	Land Use	Increase Density	0.00			
No	Land Use	Increase Diversity	0.11	0.33		
No	Land Use	Improve Walkability Design	0.00			
No	Land Use	Improve Destination Accessibility	0.00			
No	Land Use	Increase Transit Accessibility	0.25			
No	Land Use	Integrate Below Market Rate Housing	0.00			
	Land Use	Land Use SubTotal	0.00			
No	Neighborhood Enhancements	Improve Pedestrian Network				
No	Neighborhood Enhancements	Provide Traffic Calming Measures				
No	Neighborhood Enhancements	Implement NEV Network	0.00			
	Neighborhood Enhancements	Neighborhood Enhancements Subtotal	0.00			
No	Parking Policy Pricing	Limit Parking Supply	0.00			
No	Parking Policy Pricing	Unbundle Parking Costs	0.00			
No	Parking Policy Pricing	On-street Market Pricing	0.00			
	Parking Policy Pricing	Parking Policy Pricing Subtotal	0.00			
No	Transit Improvements	Provide BRT System	0.00			
No	Transit Improvements	Expand Transit Network	0.00			
No	Transit Improvements	Increase Transit Frequency	0.00			
	Transit Improvements	Transit Improvements Subtotal	0.00			
		Land Use and Site Enhancement Subtotal	0.00			
No	Commute	Implement Trip Reduction Program				

No	Commute	Transit Subsidy				
No	Commute	Implement Employee Parking "Cash Out"				
No	Commute	Workplace Parking Charge				
No	Commute	Encourage Telecommuting and Alternative Work Schedules	0.00			
No	Commute	Market Commute Trip Reduction Option	0.00			
No	Commute	Employee Vanpool/Shuttle	0.00		2.00	
No	Commute	Provide Ride Sharing Program				
	Commute	Commute Subtotal	0.00			
No	School Trip	Implement School Bus Program	0.00			
		Total VMT Reduction	0.00			

Area Mitigation

Measure Implemented	Mitigation Measure	Input Value
No	Only Natural Gas Hearth	
No	No Hearth	
No	Use Low VOC Cleaning Supplies	
No	Use Low VOC Paint (Residential Interior)	100.00
No	Use Low VOC Paint (Residential Exterior)	150.00
No	Use Low VOC Paint (Non-residential Interior)	100.00
No	Use Low VOC Paint (Non-residential Exterior)	150.00
No	Use Low VOC Paint (Parking)	150.00
No	% Electric Lawnmower	
No	% Electric Leafblower	
No	% Electric Chainsaw	

Energy Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Exceed Title 24		
No	Install High Efficiency Lighting		
No	On-site Renewable		

Appliance Type	Land Use Subtype	% Improvement
ClothWasher		30.00
DishWasher		15.00
Fan		50.00
Refrigerator		15.00

Water Mitigation Measures

Measure Implemented	Mitigation Measure	Input Value 1	Input Value 2
No	Apply Water Conservation on Strategy		
No	Use Reclaimed Water		
No	Use Grey Water		
No	Install low-flow bathroom faucet	32.00	
No	Install low-flow Kitchen faucet	18.00	
No	Install low-flow Toilet	20.00	
No	Install low-flow Shower	20.00	
No	Turf Reduction		
No	Use Water Efficient Irrigation Systems	6.10	
No	Water Efficient Landscape		

Solid Waste Mitigation

Mitigation Measures	Input Value

Institute Recycling and Composting Services Percent Reduction in Waste Disposed	

Palm Villas Saratoga Project

Construction HRA

Project Construction Emissions

	Unmitigated	Mitigated
Year	**DPM tons/year**	**DPM tons/year**
2020	0.0617	0.0184
2021	0.0353	0.0074
Total	**0.097**	**0.026**
Total Lbs	**194.000**	**51.540**
Lbs/year	**155.437**	**41.295**
Lbs/hour	**0.07**	**0.02**

Conversions:

1 ton =	2,000	lb			
Construction =	8	hours/day	Project Construction:	327	days
	2096	hours/year		1.25	years
	262	days/year			
	12	months			

AERMOD Assumptions

Source Name	Description	No. of Vol. Sources	Emission Rate g/s	Release Height m	Plume Height m	Plume Width m
SLINE1	Construction	40	1.00	5.00	2.33	11.63

Receptor Grid

Name	Grid Size	Spacing
UCART1	1 km x 1 km	20 m

Meteorological Data

Station Name	Years	Lat	Long	Elev (m)
SJ International Airport	2009-2014	37.359	-121.924	15.5

Source: BAAQMD Public Records Request… OR

Source: https://www.arb.ca.gov/toxics/harp/metfiles2.htm

Population

County	2010 Population
Santa Clara	1,781,642

Source: https://www.census.gov/quickfacts/santaclaracountycalifornia

Other Model Assumption

Terrain Data	NED 1/3
Lakes Version	9.6.5
AERMOD Version	18081

Palm Villas Saratoga Project

Operational HRA

Natural Gas Generator Parameters	Series	Power Rating (kW)	Power Rating (HP)	Fuel Consumption (ft3/hr)	Source Type	Project Lot	Building Height (feet)	Length (feet)	Width (feet)	Emission Rate (g/s)
Natural Gas Generator 1	RG045	45	60	545	Area	1	30	20	20	1
Natural Gas Generator 2	RG030	30	40	400	Area	2	30	20	20	1

Notes:

Length and Width are 2x the distance from the source to the nearest building edges

Lot 1 is west of Saratoga Creek Drive, Lot 2 is east of Saratoga Creek Drive

Fuel consumption assumes 75% of rated load, similar to CalEEMod assumption

Project Operational Emissions - Natural Gas Generators			NG Generator 1			NG Generator 2		
TAC	CAS	EF (lb/MMcf)	Fuel Input (Mmcf/hr)	Hourly Emissions (lb/hr)	Annual Emissions	Fuel Input (Mmcf/hr)	Hourly Emissions (lb/hr)	Annual Emissions
Benzene	71432	1.61E+00	5.45E-04	8.77E-04	4.39E-02	4.00E-04	6.44E-04	3.22E-02
1,3-Butadiene	106990	6.76E-01	5.45E-04	3.68E-04	1.84E-02	4.00E-04	2.70E-04	1.35E-02
Carbon Tetrachloride (Tetrachloromethane)	56235	1.81E-02	5.45E-04	9.86E-06	4.93E-04	4.00E-04	7.24E-06	3.62E-04
Ethylene Dibromide (1,2-Dibromoethane)	106934	2.17E-02	5.45E-04	1.18E-05	5.91E-04	4.00E-04	8.68E-06	4.34E-04
Ethylene Dichloride (1,2-Dichloroethane)	107062	1.15E-02	5.45E-04	6.27E-06	3.13E-04	4.00E-04	4.60E-06	2.30E-04
Formaldehyde	50000	2.09E+01	5.45E-04	1.14E-02	5.70E-01	4.00E-04	8.36E-03	4.18E-01
Methylene Chloride (Dichloromethane)	75092	4.20E-02	5.45E-04	2.29E-05	1.14E-03	4.00E-04	1.68E-05	8.40E-04
Benz(a)Anthracene	56553	0.00E+00	5.45E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00
Benzo(a)Pyrene	50328	0.00E+00	5.45E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00
Benzo(b)Fluoranthene	205992	0.00E+00	5.45E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00
Benzo(k)Fluoranthene	207089	0.00E+00	5.45E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00
Chrysene	218019	0.00E+00	5.45E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00
Indeno(1,2,3-c,d)Pyrene	193395	0.00E+00	5.45E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00
Naphthalene	91203	9.90E-02	5.45E-04	5.40E-05	2.70E-03	4.00E-04	3.96E-05	1.98E-03
Vinyl Chloride (Chloroethylene)	75014	7.32E-03	5.45E-04	3.99E-06	1.99E-04	4.00E-04	2.93E-06	1.46E-04
1,1,2,2-Tetrachloroethane	79345	2.58E-02	5.45E-04	1.41E-05	7.03E-04	4.00E-04	1.03E-05	5.16E-04
1,1,2-Trichloroethane (Vinyl Trichloride)	79005	1.56E-02	5.45E-04	8.50E-06	4.25E-04	4.00E-04	6.24E-06	3.12E-04
Acetaldehyde	75070	2.85E+00	5.45E-04	1.55E-03	7.77E-02	4.00E-04	1.14E-03	5.70E-02
Acrolein	107028	2.68E+00	5.45E-04	1.46E-03	7.30E-02	4.00E-04	1.07E-03	5.36E-02
Ammonia	7664417	3.20E+00	5.45E-04	1.74E-03	8.72E-02	4.00E-04	1.28E-03	6.40E-02
Chloroform	67663	1.40E-02	5.45E-04	7.63E-06	3.82E-04	4.00E-04	5.60E-06	2.80E-04
Ethyl Benzene	100414	2.53E-02	5.45E-04	1.38E-05	6.89E-04	4.00E-04	1.01E-05	5.06E-04
n-Hexane	110543	0.00E+00	5.45E-04	0.00E+00	0.00E+00	4.00E-04	0.00E+00	0.00E+00
Methanol	67561	3.12E+00	5.45E-04	1.70E-03	8.50E-02	4.00E-04	1.25E-03	6.24E-02
Styrene	100425	1.21E-02	5.45E-04	6.59E-06	3.30E-04	4.00E-04	4.84E-06	2.42E-04
Toluene	108883	5.69E-01	5.45E-04	3.10E-04	1.55E-02	4.00E-04	2.28E-04	1.14E-02
Xylenes (Mixed Isomers)	1330207	1.99E-01	5.45E-04	1.08E-04	5.42E-03	4.00E-04	7.96E-05	3.98E-03

Source: Emission factors from SCAQMD Risk Tool v 1.1, September 2017

Notes:

Rich-Burn 4-Stroke Engines Assumed

Operating 50 hours per year

NG Generator 1 = GENERAC RG030

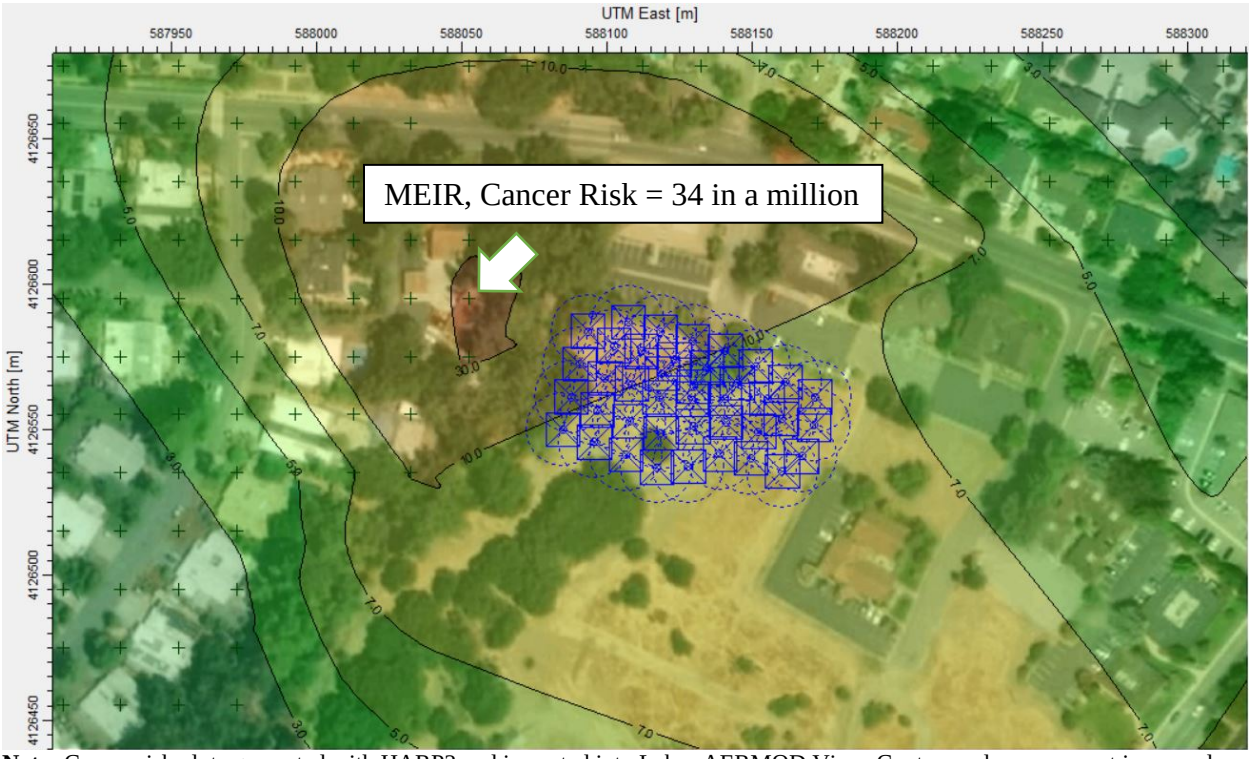
NG Generator 2 = GENERAC RG045

Fuel input assumes 73% of rated load, similar to CalEEMod assumption

APPENDIX B

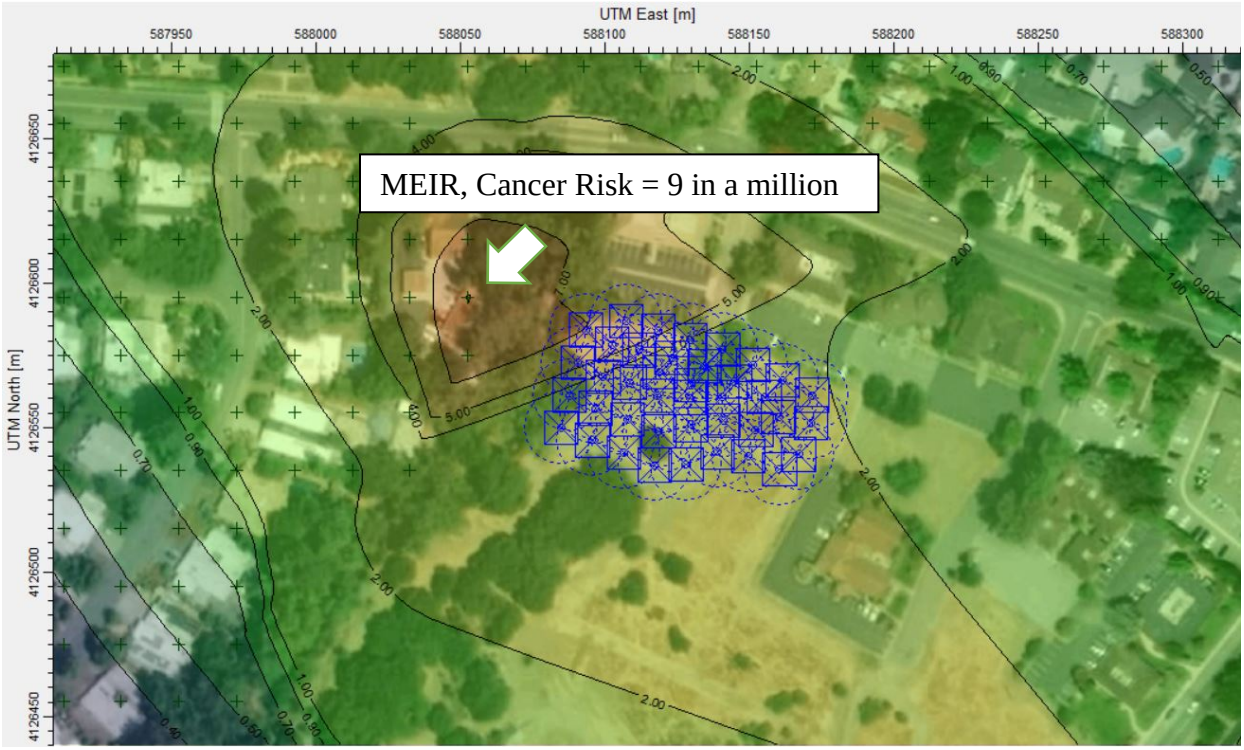
Construction Cancer Risk Isopleths

Figure B-1: Construction Cancer Risk Isopleth - Unmitigated



Note: Cancer risk plots generated with HARP2 and imported into Lakes AERMOD View. Contour values represent increased cancer risk probability (persons in a million)

Figure B-2: Construction Cancer Risk Isopleth - Mitigated



Note: Cancer risk plots generated with HARP2 and imported into Lakes AERMOD View. Contour values represent increased cancer risk probability (persons in a million)

APPENDIX C

HARP2 and AERMOD Output Files

HARP Project Summary Report 4/24/2019 10:20:28 AM

PROJECT INFORMATION
HARP Version: 19044
Project Name: PALMVILLAS_CONST
Project Output Directory: C:\Users\mmorales\Dropbox\10738 - Palm Villas Saratoga\HRA\PALMVILLAS_CONST
HARP Database: NA

FACILITY INFORMATION
Origin
X (m):0
Y (m):0
Zone:1
No. of Sources:0
No. of Buildings:0

EMISSION INVENTORY
No. of Pollutants:1
No. of Background Pollutants:0

Emissions

ScrID	StkID	ProID	PolID	PolAbbrev
Multi	Annual Ems	MaxHr Ems	MWAF	
(lbs/yr)	(lbs/hr)			
SLINE1	0	0	9901	
DieselExhPM	1	155.44	0.07	1

Background

PolID	PolAbbrev	Conc (ug/m^3)	MWAF

Ground level concentration files (\glc\)

9901MAXHR.txt
9901PER.txt

POLLUTANT HEALTH INFORMATION
Health Database: C:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH18232
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL
InhChronicREL	OralChronicREL	InhChronic8HRREL		
9901	DieselExhPM	1.1		
5				

AIR DISPERSION MODELING INFORMATION

Versions used in HARP. All executables were obtained from USEPA's Support Center for Regulatory Atmospheric Modeling website (http://www.epa.gov/scram001/)
AERMOD: 18081
AERMAP: 18081
BPIPPRM: 04274
AERPLOT: 13329

METEOROLOGICAL INFORMATION
Version:
Surface File:
Profile File:
Surface Station:
Upper Station:
On-Site Station:

LIST OF AIR DISPERSION FILES
AERMOD Input File:
AERMOD Output File:
AERMOD Error File:
Plotfile list
_____
01H1GALL.PLT
PE00GALL.PLT

LIST OF RISK ASSESSMENT FILES
Health risk analysis files (\hra\)
_____
PalmVillas_Construction_Mit_CancerRisk.csv
PalmVillas_Construction_Mit_CancerRiskSumByRec.csv
PalmVillas_Construction_Mit_GLCList.csv
PalmVillas_Construction_Mit_HRAInput.hra
PalmVillas_Construction_Mit_NCAcuteRisk.csv
PalmVillas_Construction_Mit_NCAcuteRiskSumByRec.csv
PalmVillas_Construction_Mit_NCChronicRisk.csv
PalmVillas_Construction_Mit_NCChronicRiskSumByRec.csv
PalmVillas_Construction_Mit_Output.txt
PalmVillas_Construction_Mit_PathwayRec.csv
PalmVillas_Construction_Mit_PolDB.csv
PalmVillas_Construction_Unmit_CancerRisk.csv
PalmVillas_Construction_Unmit_CancerRiskSumByRec.csv
PalmVillas_Construction_Unmit_GLCList.csv
PalmVillas_Construction_Unmit_HRAInput.hra
PalmVillas_Construction_Unmit_NCAcuteRisk.csv
PalmVillas_Construction_Unmit_NCAcuteRiskSumByRec.csv
PalmVillas_Construction_Unmit_NCChronicRisk.csv
PalmVillas_Construction_Unmit_NCChronicRiskSumByRec.csv
PalmVillas_Construction_Unmit_Output.txt
PalmVillas_Construction_Unmit_PathwayRec.csv
PalmVillas_Construction_Unmit_PolDB.csv

Spatial averaging files (\sa\)
_____

Palm Villas Saratoga - Construction Health Risk Assessment - Cancer Risk, Unmitigated Scenario
*HARP - HRACalc v19044 4/24/2019 10:19:54 AM - Cancer Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_I	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISI	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
316	ALL		588052.5	4126595	3.41E-05	1.25YrCancerDerived_Inh_FAH16to70	3.41E-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
303	ALL		588052.5	4126575	3.23E-05	1.25YrCancerDerived_Inh_FAH16to70	3.23E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
335	ALL		588052.5	4126615	2.86E-05	1.25YrCancerDerived_Inh_FAH16to70	2.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		588032.5	4126595	2.15E-05	1.25YrCancerDerived_Inh_FAH16to70	2.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL		588032.5	4126615	2.08E-05	1.25YrCancerDerived_Inh_FAH16to70	2.08E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
357	ALL		588052.5	4126635	2.07E-05	1.25YrCancerDerived_Inh_FAH16to70	2.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL		588032.5	4126575	1.86E-05	1.25YrCancerDerived_Inh_FAH16to70	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		588032.5	4126635	1.72E-05	1.25YrCancerDerived_Inh_FAH16to70	1.72E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL		588012.5	4126615	1.49E-05	1.25YrCancerDerived_Inh_FAH16to70	1.49E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		588012.5	4126595	1.41E-05	1.25YrCancerDerived_Inh_FAH16to70	1.41E-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
290	ALL		588032.5	4126555	1.38E-05	1.25YrCancerDerived_Inh_FAH16to70	1.38E-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
355	ALL		588012.5	4126635	1.36E-05	1.25YrCancerDerived_Inh_FAH16to70	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
380	ALL		588032.5	4126655	1.31E-05	1.25YrCancerDerived_Inh_FAH16to70	1.31E-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
301	ALL		588012.5	4126575	1.15E-05	1.25YrCancerDerived_Inh_FAH16to70	1.15E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
379	ALL		588012.5	4126655	1.14E-05	1.25YrCancerDerived_Inh_FAH16to70	1.14E-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
332	ALL		587992.5	4126615	1.07E-05	1.25YrCancerDerived_Inh_FAH16to70	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		587992.5	4126635	1.07E-05	1.25YrCancerDerived_Inh_FAH16to70	1.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		588072.5	4126675	1.03E-05	1.25YrCancerDerived_Inh_FAH16to70	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
406	ALL		588052.5	4126675	1.02E-05	1.25YrCancerDerived_Inh_FAH16to70	1.02E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
278	ALL		588032.5	4126535	1.01E-05	1.25YrCancerDerived_Inh_FAH16to70	1.01E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		588032.5	4126675	9.76E-06	1.25YrCancerDerived_Inh_FAH16to70	9.76E-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
408	ALL		588092.5	4126675	9.65E-06	1.25YrCancerDerived_Inh_FAH16to70	9.65E-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
313	ALL		587992.5	4126595	9.63E-06	1.25YrCancerDerived_Inh_FAH16to70	9.63E-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
378	ALL		587992.5	4126655	9.58E-06	1.25YrCancerDerived_Inh_FAH16to70	9.58E-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
409	ALL		588112.5	4126675	9.31E-06	1.25YrCancerDerived_Inh_FAH16to70	9.31E-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
404	ALL		588012.5	4126675	9.03E-06	1.25YrCancerDerived_Inh_FAH16to70	9.03E-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
289	ALL		588012.5	4126555	8.80E-06	1.25YrCancerDerived_Inh_FAH16to70	8.80E-06	0.00E+00	0.00E+00	0.00E+00	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		588332.5	4126415	8.73E-06	1.25YrCancerDerived_Inh_FAH16to70	8.73E-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
223	ALL		588352.5	4126435	8.58E-06	1.25YrCancerDerived_Inh_FAH16to70	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
353	ALL		587972.5	4126635	8.26E-06	1.25YrCancerDerived_Inh_FAH16to70	8.26E-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
410	ALL		588132.5	4126675	8.23E-06	1.25YrCancerDerived_Inh_FAH16to70	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
403	ALL		587992.5	4126675	8.10E-06	1.25YrCancerDerived_Inh_FAH16to70	8.10E-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
381	ALL		588172.5	4126655	8.09E-06	1.25YrCancerDerived_Inh_FAH16to70	8.09E-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
377	ALL		587972.5	4126655	7.91E-06	1.25YrCancerDerived_Inh_FAH16to70	7.91E-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
331	ALL		587972.5	4126615	7.90E-06	1.25YrCancerDerived_Inh_FAH16to70	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
210	ALL		588352.5	4126415	7.88E-06	1.25YrCancerDerived_Inh_FAH16to70	7.88E-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
300	ALL		587992.5	4126575	7.85E-06	1.25YrCancerDerived_Inh_FAH16to70	7.85E-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
192	ALL		588292.5	4126395	7.67E-06	1.25YrCancerDerived_Inh_FAH16to70	7.67E-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
193	ALL		588312.5	4126395	7.63E-06	1.25YrCancerDerived_Inh_FAH16to70	7.63E-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
437	ALL		588052.5	4126695	7.43E-06	1.25YrCancerDerived_Inh_FAH16to70	7.43E-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
194	ALL		588332.5	4126395	7.35E-06	1.25YrCancerDerived_Inh_FAH16to70	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
224	ALL		588372.5	4126435	7.35E-06	1.25YrCancerDerived_Inh_FAH16to70	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
436	ALL		588032.5	4126695	7.32E-06	1.25YrCancerDerived_Inh_FAH16to70	7.32E-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
236	ALL		588372.5	4126455	7.29E-06	1.25YrCancerDerived_Inh_FAH16to70	7.29E-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
438	ALL		588072.5	4126695	7.26E-06	1.25YrCancerDerived_Inh_FAH16to70	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
402	ALL		587972.5	4126675	7.07E-06	1.25YrCancerDerived_Inh_FAH16to70	7.07E-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
435	ALL		588012.5	4126695	7.05E-06	1.25YrCancerDerived_Inh_FAH16to70	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
211	ALL		588372.5	4126415	7.00E-06	1.25YrCancerDerived_Inh_FAH16to70	7.00E-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
411	ALL		588152.5	4126675	6.99E-06	1.25YrCancerDerived_Inh_FAH16to70	6.99E-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
195	ALL		588352.5	4126395	6.91E-06	1.25YrCancerDerived_Inh_FAH16to70	6.91E-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
312	ALL		587972.5	4126595	6.88E-06	1.25YrCancerDerived_Inh_FAH16to70	6.88E-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
277	ALL		588012.5	4126535	6.84E-06	1.25YrCancerDerived_Inh_FAH16to70	6.84E-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
358	ALL		588212.5	4126635	6.83E-06	1.25YrCancerDerived_Inh_FAH16to70	6.83E-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
439	ALL		588092.5	4126695	6.66E-06	1.25YrCancerDerived_Inh_FAH16to70	6.66E-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
434	ALL		587992.5	4126695	6.62E-06	1.25YrCancerDerived_Inh_FAH16to70	6.62E-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
440	ALL		588112.5	4126695	6.61E-06	1.25YrCancerDerived_Inh_FAH16to70	6.61E-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
376	ALL		587952.5	4126655	6.46E-06	1.25YrCancerDerived_Inh_FAH16to70	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
382	ALL		588192.5	4126655	6.44E-06	1.25YrCancerDerived_Inh_FAH16to70	6.44E-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
352	ALL		587952.5	4126635	6.43E-06	1.25YrCancerDerived_Inh_FAH16to70	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
196	ALL		588372.5	4126395	6.37E-06	1.25YrCancerDerived_Inh_FAH16to70	6.37E-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
225	ALL		588392.5	4126435	6.27E-06	1.25YrCancerDerived_Inh_FAH16to70	6.27E-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
212	ALL		588392.5	4126415	6.15E-06	1.25YrCancerDerived_Inh_FAH16to70	6.15E-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
288	ALL		587992.5	4126555	6.13E-06	1.25YrCancerDerived_Inh_FAH16to70	6.13E-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
401	ALL		587952.5	4126675	6.07E-06	1.25YrCancerDerived_Inh_FAH16to70	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
237	ALL		588392.5	4126455	6.05E-06	1.25YrCancerDerived_Inh_FAH16to70	6.05E-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
433	ALL		587972.5	4126695	6.05E-06	1.25YrCancerDerived_Inh_FAH16to70	6.05E-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
175	ALL		588312.5	4126375	6.02E-06	1.25YrCancerDerived_Inh_FAH16to70	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
176	ALL		588332.5	4126375	6.02E-06	1.25YrCancerDerived_Inh_FAH16to70	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
441	ALL		588132.5	4126695	5.93E-06	1.25YrCancerDerived_Inh_FAH16to70	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
330	ALL		587952.5	4126615	5.93E-06	1.25YrCancerDerived_Inh_FAH16to70	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
177	ALL		588352.5	4126375	5.86E-06	1.25YrCancerDerived_Inh_FAH16to70	5.86E-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
174	ALL		588292.5	4126375	5.85E-06	1.25YrCancerDerived_Inh_FAH16to70	5.85E-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
412	ALL		588172.5	4126675	5.83E-06	1.25YrCancerDerived_Inh_FAH16to70	5.83E-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
197	ALL		588392.5	4126395	5.78E-06	1.25YrCancerDerived_Inh_FAH16to70	5.78E-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
299	ALL		587972.5	4126575	5.62E-06	1.25YrCancerDerived_Inh_FAH16to70	5.62E-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
467	ALL		588032.5	4126715	5.60E-06	1.25YrCancerDerived_Inh_FAH16to70	5.60E-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
468	ALL		588052.5	4126715	5.59E-06	1.25YrCancerDerived_Inh_FAH16to70	5.59E-06	0.00E+00	0.00E+00	0.00E+00	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		588372.5	4126375	5.58E-06	1.25YrCancerDerived_Inh_FAH16to70	5.58E-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
466	ALL		588012.5	4126715	5.52E-06	1.25YrCancerDerived_Inh_FAH16to70	5.52E-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
432	ALL		587952.5	4126695	5.42E-06	1.25YrCancerDerived_Inh_FAH16to70	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
213	ALL		588412.5	4126415	5.37E-06	1.25YrCancerDerived_Inh_FAH16to70	5.37E-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
465	ALL		587992.5	4126715	5.34E-06	1.25YrCancerDerived_Inh_FAH16to70	5.34E-06	0.00E+00	0.00E+00	0.00E+00	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		588412.5	4126435	5.33E-06	1.25YrCancerDerived_Inh_FAH16to70	5.33E-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
359	ALL		588232.5	4126635	5.33E-06	1.25YrCancerDerived_Inh_FAH16to70	5.33E-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
336	ALL		588252.5	4126615	5.29E-06	1.25YrCancerDerived_Inh_FAH16to70	5.29E-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
375	ALL		587932.5	4126655	5.26E-06	1.25YrCancerDerived_Inh_FAH16to70	5.26E-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		588072.5	4126715	5.25E-06	1.25YrCancerDerived_Inh_FAH16to70	5.25E-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
470	ALL		588092.5	4126715	5.24E-06	1.25YrCancerDerived_Inh_FAH16to70	5.24E-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
179	ALL		588392.5	4126375	5.22E-06	1.25YrCancerDerived_Inh_FAH16to70	5.22E-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
198	ALL		588412.5	4126395	5.18E-06	1.25YrCancerDerived_Inh_FAH16to70	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
383	ALL		588212.5	4126655	5.16E-06	1.25YrCancerDerived_Inh_FAH16to70	5.16E-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
400	ALL		587932.5	4126675	5.14E-06	1.25YrCancerDerived_Inh_FAH16to70	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
442	ALL		588152.5	4126695	5.14E-06	1.25YrCancerDerived_Inh_FAH16to70	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
311	ALL		587952.5	4126595	5.10E-06	1.25YrCancerDerived_Inh_FAH16to70	5.10E-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
351	ALL		587932.5	4126635	5.06E-06	1.25YrCancerDerived_Inh_FAH16to70	5.06E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

413	ALL	588192.5	4126675	4.82E-06	1.25YrCancerDerived_Inh_FAH16to70	4.82E-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
180	ALL	588412.5	4126375	4.82E-06	1.25YrCancerDerived_Inh_FAH16to70	4.82E-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
431	ALL	587932.5	4126695	4.78E-06	1.25YrCancerDerived_Inh_FAH16to70	4.78E-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
159	ALL	588372.5	4126355	4.77E-06	1.25YrCancerDerived_Inh_FAH16to70	4.77E-06	0.00E+00	0.00E+00	0.00E+00	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	588312.5	4126355	4.71E-06	1.25YrCancerDerived_Inh_FAH16to70	4.71E-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
463	ALL	587952.5	4126715	4.71E-06	1.25YrCancerDerived_Inh_FAH16to70	4.71E-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
160	ALL	588392.5	4126355	4.59E-06	1.25YrCancerDerived_Inh_FAH16to70	4.59E-06	0.00E+00	0.00E+00	0.00E+00	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	587932.5	4126615	4.56E-06	1.25YrCancerDerived_Inh_FAH16to70	4.56E-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
287	ALL	587972.5	4126555	4.55E-06	1.25YrCancerDerived_Inh_FAH16to70	4.55E-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
248	ALL	588412.5	4126475	4.53E-06	1.25YrCancerDerived_Inh_FAH16to70	4.53E-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
472	ALL	588132.5	4126715	4.46E-06	1.25YrCancerDerived_Inh_FAH16to70	4.46E-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
155	ALL	588292.5	4126355	4.45E-06	1.25YrCancerDerived_Inh_FAH16to70	4.45E-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
498	ALL	588032.5	4126735	4.38E-06	1.25YrCancerDerived_Inh_FAH16to70	4.38E-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
443	ALL	588172.5	4126695	4.38E-06	1.25YrCancerDerived_Inh_FAH16to70	4.38E-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
497	ALL	588012.5	4126735	4.38E-06	1.25YrCancerDerived_Inh_FAH16to70	4.38E-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
161	ALL	588412.5	4126355	4.34E-06	1.25YrCancerDerived_Inh_FAH16to70	4.34E-06	0.00E+00	0.00E+00	0.00E+00	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	588052.5	4126735	4.33E-06	1.25YrCancerDerived_Inh_FAH16to70	4.33E-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
399	ALL	587912.5	4126675	4.32E-06	1.25YrCancerDerived_Inh_FAH16to70	4.32E-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
496	ALL	587992.5	4126735	4.31E-06	1.25YrCancerDerived_Inh_FAH16to70	4.31E-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
374	ALL	587912.5	4126655	4.30E-06	1.25YrCancerDerived_Inh_FAH16to70	4.30E-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
462	ALL	587932.5	4126715	4.28E-06	1.25YrCancerDerived_Inh_FAH16to70	4.28E-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
360	ALL	588252.5	4126635	4.23E-06	1.25YrCancerDerived_Inh_FAH16to70	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
298	ALL	587952.5	4126575	4.19E-06	1.25YrCancerDerived_Inh_FAH16to70	4.19E-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
495	ALL	587972.5	4126735	4.19E-06	1.25YrCancerDerived_Inh_FAH16to70	4.19E-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
384	ALL	588232.5	4126655	4.18E-06	1.25YrCancerDerived_Inh_FAH16to70	4.18E-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
337	ALL	588272.5	4126615	4.17E-06	1.25YrCancerDerived_Inh_FAH16to70	4.17E-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	587912.5	4126695	4.16E-06	1.25YrCancerDerived_Inh_FAH16to70	4.16E-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
500	ALL	588072.5	4126735	4.09E-06	1.25YrCancerDerived_Inh_FAH16to70	4.09E-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
501	ALL	588092.5	4126735	4.06E-06	1.25YrCancerDerived_Inh_FAH16to70	4.06E-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
350	ALL	587912.5	4126635	4.02E-06	1.25YrCancerDerived_Inh_FAH16to70	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
494	ALL	587952.5	4126735	4.01E-06	1.25YrCancerDerived_Inh_FAH16to70	4.01E-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
138	ALL	588372.5	4126335	3.99E-06	1.25YrCancerDerived_Inh_FAH16to70	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
414	ALL	588212.5	4126675	3.99E-06	1.25YrCancerDerived_Inh_FAH16to70	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
137	ALL	588352.5	4126335	3.97E-06	1.25YrCancerDerived_Inh_FAH16to70	3.97E-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
139	ALL	588392.5	4126335	3.94E-06	1.25YrCancerDerived_Inh_FAH16to70	3.94E-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
473	ALL	588152.5	4126715	3.93E-06	1.25YrCancerDerived_Inh_FAH16to70	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
310	ALL	587932.5	4126595	3.90E-06	1.25YrCancerDerived_Inh_FAH16to70	3.90E-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
136	ALL	588332.5	4126335	3.86E-06	1.25YrCancerDerived_Inh_FAH16to70	3.86E-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
461	ALL	587912.5	4126715	3.85E-06	1.25YrCancerDerived_Inh_FAH16to70	3.85E-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
140	ALL	588412.5	4126335	3.82E-06	1.25YrCancerDerived_Inh_FAH16to70	3.82E-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
502	ALL	588112.5	4126735	3.80E-06	1.25YrCancerDerived_Inh_FAH16to70	3.80E-06	0.00E+00	0.00E+00	0.00E+00	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	587972.5	4126535	3.75E-06	1.25YrCancerDerived_Inh_FAH16to70	3.75E-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
493	ALL	587932.5	4126735	3.75E-06	1.25YrCancerDerived_Inh_FAH16to70	3.75E-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
444	ALL	588192.5	4126695	3.72E-06	1.25YrCancerDerived_Inh_FAH16to70	3.72E-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
135	ALL	588312.5	4126335	3.67E-06	1.25YrCancerDerived_Inh_FAH16to70	3.67E-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
398	ALL	587892.5	4126675	3.64E-06	1.25YrCancerDerived_Inh_FAH16to70	3.64E-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
429	ALL	587892.5	4126695	3.59E-06	1.25YrCancerDerived_Inh_FAH16to70	3.59E-06	0.00E+00	0.00E+00	0.00E+00	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	587912.5	4126615	3.58E-06	1.25YrCancerDerived_Inh_FAH16to70	3.58E-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
373	ALL	587892.5	4126655	3.53E-06	1.25YrCancerDerived_Inh_FAH16to70	3.53E-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
528	ALL	588012.5	4126755	3.52E-06	1.25YrCancerDerived_Inh_FAH16to70	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
527	ALL	587992.5	4126755	3.50E-06	1.25YrCancerDerived_Inh_FAH16to70	3.50E-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
529	ALL	588032.5	4126755	3.49E-06	1.25YrCancerDerived_Inh_FAH16to70	3.49E-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
526	ALL	587972.5	4126755	3.47E-06	1.25YrCancerDerived_Inh_FAH16to70	3.47E-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	588132.5	4126735	3.47E-06	1.25YrCancerDerived_Inh_FAH16to70	3.47E-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
492	ALL	587912.5	4126735	3.46E-06	1.25YrCancerDerived_Inh_FAH16to70	3.46E-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
286	ALL	587952.5	4126555	3.44E-06	1.25YrCancerDerived_Inh_FAH16to70	3.44E-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
385	ALL	588252.5	4126655	3.44E-06	1.25YrCancerDerived_Inh_FAH16to70	3.44E-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
530	ALL	588052.5	4126755	3.43E-06	1.25YrCancerDerived_Inh_FAH16to70	3.43E-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
134	ALL	588292.5	4126335	3.42E-06	1.25YrCancerDerived_Inh_FAH16to70	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
361	ALL	588272.5	4126635	3.42E-06	1.25YrCancerDerived_Inh_FAH16to70	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
474	ALL	588172.5	4126715	3.41E-06	1.25YrCancerDerived_Inh_FAH16to70	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
460	ALL	587892.5	4126715	3.41E-06	1.25YrCancerDerived_Inh_FAH16to70	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
525	ALL	587952.5	4126755	3.39E-06	1.25YrCancerDerived_Inh_FAH16to70	3.39E-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
338	ALL	588292.5	4126615	3.35E-06	1.25YrCancerDerived_Inh_FAH16to70	3.35E-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
415	ALL	588232.5	4126675	3.34E-06	1.25YrCancerDerived_Inh_FAH16to70	3.34E-06	0.00E+00	0.00E+00	0.00E+00	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	588312.5	4126595	3.34E-06	1.25YrCancerDerived_Inh_FAH16to70	3.34E-06	0.00E+00	0.00E+00	0.00E+00	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	588392.5	4126315	3.33E-06	1.25YrCancerDerived_Inh_FAH16to70	3.33E-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
531	ALL	588072.5	4126755	3.33E-06	1.25YrCancerDerived_Inh_FAH16to70	3.33E-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
115	ALL	588372.5	4126315	3.31E-06	1.25YrCancerDerived_Inh_FAH16to70	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
117	ALL	588412.5	4126315	3.30E-06	1.25YrCancerDerived_Inh_FAH16to70	3.30E-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
349	ALL	587892.5	4126635	3.25E-06	1.25YrCancerDerived_Inh_FAH16to70	3.25E-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
297	ALL	587932.5	4126575	3.25E-06	1.25YrCancerDerived_Inh_FAH16to70	3.25E-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
524	ALL	587932.5	4126755	3.23E-06	1.25YrCancerDerived_Inh_FAH16to70	3.23E-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
114	ALL	588352.5	4126315	3.22E-06	1.25YrCancerDerived_Inh_FAH16to70	3.22E-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
445	ALL	588212.5	4126695	3.16E-06	1.25YrCancerDerived_Inh_FAH16to70	3.16E-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
532	ALL	588092.5	4126755	3.16E-06	1.25YrCancerDerived_Inh_FAH16to70	3.16E-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
491	ALL	587892.5	4126735	3.14E-06	1.25YrCancerDerived_Inh_FAH16to70	3.14E-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
266	ALL	587972.5	4126515	3.13E-06	1.25YrCancerDerived_Inh_FAH16to70	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
133	ALL	588272.5	4126335	3.12E-06	1.25YrCancerDerived_Inh_FAH16to70	3.12E-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
428	ALL	587872.5	4126695	3.10E-06	1.25YrCancerDerived_Inh_FAH16to70	3.10E-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
504	ALL	588152.5	4126735	3.09E-06	1.25YrCancerDerived_Inh_FAH16to70	3.09E-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
113	ALL	588332.5	4126315	3.08E-06	1.25YrCancerDerived_Inh_FAH16to70	3.08E-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
397	ALL	587872.5	4126675	3.07E-06	1.25YrCancerDerived_Inh_FAH16to70	3.07E-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
309	ALL	587912.5	4126595	3.07E-06	1.25YrCancerDerived_Inh_FAH16to70	3.07E-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
523	ALL	587912.5	4126755	3.05E-06	1.25YrCancerDerived_Inh_FAH16to70	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
459	ALL	587872.5	4126715	3.02E-06	1.25YrCancerDerived_Inh_FAH16to70	3.02E-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
533	ALL	588112.5	4126755	3.01E-06	1.25YrCancerDerived_Inh_FAH16to70	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
475	ALL	588192.5	4126715	2.96E-06	1.25YrCancerDerived_Inh_FAH16to70	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
274	ALL	587952.5	4126535	2.93E-06	1.25YrCancerDerived_Inh_FAH16to70	2.93E-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
372	ALL	587872.5	4126655	2.92E-06	1.25YrCancerDerived_Inh_FAH16to70	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
557	ALL	587972.5	4126775	2.89E-06	1.25YrCancerDerived_Inh_FAH16to70	2.89E-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
112	ALL	588312.5	4126315	2.89E-06	1.25YrCancerDerived_Inh_FAH16to70	2.89E-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
558	ALL	587992.5	4126775	2.88E-06	1.25YrCancerDerived_Inh_FAH16to70	2.88E-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
327	ALL	587892.5	4126615	2.87E-06	1.25YrCancerDerived_Inh_FAH16to70	2.87E-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
559	ALL	588012.5	4126775	2.86E-06	1.25YrCancerDerived_Inh_FAH16to70	2.86E-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
490	ALL	587872.5	4126735	2.86E-06	1.25YrCancerDerived_Inh_FAH16to70	2.86E-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
556	ALL	587952.5	4126775	2.86E-06	1.25YrCancerDerived_Inh_FAH16to70	2.86E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00

555	ALL	587932.5	4126775	2.77E-06	1.25YrCancerDerived_Inh_FAH16to70	2.77E-06	0.00E+00	0.00E+00	0.00E+00	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	588132.5	4126755	2.77E-06	1.25YrCancerDerived_Inh_FAH16to70	2.77E-06	0.00E+00	0.00E+00	0.00E+00	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	588312.5	4126615	2.75E-06	1.25YrCancerDerived_Inh_FAH16to70	2.75E-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
318	ALL	588332.5	4126595	2.74E-06	1.25YrCancerDerived_Inh_FAH16to70	2.74E-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
505	ALL	588172.5	4126735	2.73E-06	1.25YrCancerDerived_Inh_FAH16to70	2.73E-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
88	ALL	588372.5	4126295	2.73E-06	1.25YrCancerDerived_Inh_FAH16to70	2.73E-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
285	ALL	587932.5	4126555	2.72E-06	1.25YrCancerDerived_Inh_FAH16to70	2.72E-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
446	ALL	588232.5	4126695	2.71E-06	1.25YrCancerDerived_Inh_FAH16to70	2.71E-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
562	ALL	588072.5	4126775	2.70E-06	1.25YrCancerDerived_Inh_FAH16to70	2.70E-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
427	ALL	587852.5	4126695	2.68E-06	1.25YrCancerDerived_Inh_FAH16to70	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
554	ALL	587912.5	4126775	2.67E-06	1.25YrCancerDerived_Inh_FAH16to70	2.67E-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
458	ALL	587852.5	4126715	2.67E-06	1.25YrCancerDerived_Inh_FAH16to70	2.67E-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
111	ALL	588292.5	4126315	2.66E-06	1.25YrCancerDerived_Inh_FAH16to70	2.66E-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
348	ALL	587872.5	4126635	2.66E-06	1.25YrCancerDerived_Inh_FAH16to70	2.66E-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
257	ALL	587972.5	4126495	2.65E-06	1.25YrCancerDerived_Inh_FAH16to70	2.65E-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
521	ALL	587872.5	4126755	2.65E-06	1.25YrCancerDerived_Inh_FAH16to70	2.65E-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
87	ALL	588352.5	4126295	2.61E-06	1.25YrCancerDerived_Inh_FAH16to70	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
396	ALL	587852.5	4126675	2.60E-06	1.25YrCancerDerived_Inh_FAH16to70	2.60E-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
296	ALL	587912.5	4126575	2.59E-06	1.25YrCancerDerived_Inh_FAH16to70	2.59E-06	0.00E+00	0.00E+00	0.00E+00	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	587852.5	4126735	2.58E-06	1.25YrCancerDerived_Inh_FAH16to70	2.58E-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
476	ALL	588212.5	4126715	2.56E-06	1.25YrCancerDerived_Inh_FAH16to70	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
553	ALL	587892.5	4126775	2.54E-06	1.25YrCancerDerived_Inh_FAH16to70	2.54E-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
265	ALL	587952.5	4126515	2.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
563	ALL	588092.5	4126775	2.51E-06	1.25YrCancerDerived_Inh_FAH16to70	2.51E-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
535	ALL	588152.5	4126755	2.50E-06	1.25YrCancerDerived_Inh_FAH16to70	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
308	ALL	587892.5	4126595	2.47E-06	1.25YrCancerDerived_Inh_FAH16to70	2.47E-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
86	ALL	588332.5	4126295	2.47E-06	1.25YrCancerDerived_Inh_FAH16to70	2.47E-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
564	ALL	588112.5	4126775	2.44E-06	1.25YrCancerDerived_Inh_FAH16to70	2.44E-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
371	ALL	587852.5	4126655	2.43E-06	1.25YrCancerDerived_Inh_FAH16to70	2.43E-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
520	ALL	587852.5	4126755	2.43E-06	1.25YrCancerDerived_Inh_FAH16to70	2.43E-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
110	ALL	588272.5	4126315	2.41E-06	1.25YrCancerDerived_Inh_FAH16to70	2.41E-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
552	ALL	587872.5	4126775	2.41E-06	1.25YrCancerDerived_Inh_FAH16to70	2.41E-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
588	ALL	587972.5	4126795	2.40E-06	1.25YrCancerDerived_Inh_FAH16to70	2.40E-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
506	ALL	588192.5	4126735	2.40E-06	1.25YrCancerDerived_Inh_FAH16to70	2.40E-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
587	ALL	587952.5	4126795	2.40E-06	1.25YrCancerDerived_Inh_FAH16to70	2.40E-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
387	ALL	588292.5	4126655	2.39E-06	1.25YrCancerDerived_Inh_FAH16to70	2.39E-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
417	ALL	588272.5	4126675	2.39E-06	1.25YrCancerDerived_Inh_FAH16to70	2.39E-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
62	ALL	588412.5	4126275	2.39E-06	1.25YrCancerDerived_Inh_FAH16to70	2.39E-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
589	ALL	587992.5	4126795	2.39E-06	1.25YrCancerDerived_Inh_FAH16to70	2.39E-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
586	ALL	587932.5	4126795	2.38E-06	1.25YrCancerDerived_Inh_FAH16to70	2.38E-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
590	ALL	588012.5	4126795	2.37E-06	1.25YrCancerDerived_Inh_FAH16to70	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
363	ALL	588312.5	4126635	2.35E-06	1.25YrCancerDerived_Inh_FAH16to70	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
457	ALL	587832.5	4126715	2.34E-06	1.25YrCancerDerived_Inh_FAH16to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00	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	587872.5	4126615	2.34E-06	1.25YrCancerDerived_Inh_FAH16to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00	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	588032.5	4126795	2.34E-06	1.25YrCancerDerived_Inh_FAH16to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00	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	588392.5	4126275	2.33E-06	1.25YrCancerDerived_Inh_FAH16to70	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
273	ALL	587932.5	4126535	2.33E-06	1.25YrCancerDerived_Inh_FAH16to70	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
447	ALL	588252.5	4126695	2.33E-06	1.25YrCancerDerived_Inh_FAH16to70	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
585	ALL	587912.5	4126795	2.32E-06	1.25YrCancerDerived_Inh_FAH16to70	2.32E-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
426	ALL	587832.5	4126695	2.31E-06	1.25YrCancerDerived_Inh_FAH16to70	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
488	ALL	587832.5	4126735	2.31E-06	1.25YrCancerDerived_Inh_FAH16to70	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
85	ALL	588312.5	4126295	2.29E-06	1.25YrCancerDerived_Inh_FAH16to70	2.29E-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
340	ALL	588332.5	4126615	2.29E-06	1.25YrCancerDerived_Inh_FAH16to70	2.29E-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
592	ALL	588052.5	4126795	2.29E-06	1.25YrCancerDerived_Inh_FAH16to70	2.29E-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
319	ALL	588352.5	4126595	2.29E-06	1.25YrCancerDerived_Inh_FAH16to70	2.29E-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
247	ALL	587972.5	4126475	2.27E-06	1.25YrCancerDerived_Inh_FAH16to70	2.27E-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
565	ALL	588132.5	4126775	2.26E-06	1.25YrCancerDerived_Inh_FAH16to70	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
551	ALL	587852.5	4126775	2.25E-06	1.25YrCancerDerived_Inh_FAH16to70	2.25E-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
584	ALL	587892.5	4126795	2.25E-06	1.25YrCancerDerived_Inh_FAH16to70	2.25E-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
60	ALL	588372.5	4126275	2.24E-06	1.25YrCancerDerived_Inh_FAH16to70	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
536	ALL	588172.5	4126755	2.23E-06	1.25YrCancerDerived_Inh_FAH16to70	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
477	ALL	588232.5	4126715	2.23E-06	1.25YrCancerDerived_Inh_FAH16to70	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
593	ALL	588072.5	4126795	2.23E-06	1.25YrCancerDerived_Inh_FAH16to70	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
519	ALL	587832.5	4126755	2.22E-06	1.25YrCancerDerived_Inh_FAH16to70	2.22E-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
284	ALL	587912.5	4126555	2.21E-06	1.25YrCancerDerived_Inh_FAH16to70	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
395	ALL	587832.5	4126675	2.21E-06	1.25YrCancerDerived_Inh_FAH16to70	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
347	ALL	587852.5	4126635	2.20E-06	1.25YrCancerDerived_Inh_FAH16to70	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
256	ALL	587952.5	4126495	2.17E-06	1.25YrCancerDerived_Inh_FAH16to70	2.17E-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
583	ALL	587872.5	4126795	2.17E-06	1.25YrCancerDerived_Inh_FAH16to70	2.17E-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
109	ALL	588252.5	4126315	2.16E-06	1.25YrCancerDerived_Inh_FAH16to70	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
594	ALL	588092.5	4126795	2.13E-06	1.25YrCancerDerived_Inh_FAH16to70	2.13E-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
59	ALL	588352.5	4126275	2.13E-06	1.25YrCancerDerived_Inh_FAH16to70	2.13E-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
295	ALL	587892.5	4126575	2.11E-06	1.25YrCancerDerived_Inh_FAH16to70	2.11E-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
507	ALL	588212.5	4126735	2.11E-06	1.25YrCancerDerived_Inh_FAH16to70	2.11E-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
84	ALL	588292.5	4126295	2.10E-06	1.25YrCancerDerived_Inh_FAH16to70	2.10E-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
550	ALL	587832.5	4126775	2.09E-06	1.25YrCancerDerived_Inh_FAH16to70	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
582	ALL	587852.5	4126795	2.06E-06	1.25YrCancerDerived_Inh_FAH16to70	2.06E-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
487	ALL	587812.5	4126735	2.06E-06	1.25YrCancerDerived_Inh_FAH16to70	2.06E-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
456	ALL	587812.5	4126715	2.06E-06	1.25YrCancerDerived_Inh_FAH16to70	2.06E-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
566	ALL	588152.5	4126775	2.06E-06	1.25YrCancerDerived_Inh_FAH16to70	2.06E-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
370	ALL	587832.5	4126655	2.05E-06	1.25YrCancerDerived_Inh_FAH16to70	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
418	ALL	588292.5	4126675	2.05E-06	1.25YrCancerDerived_Inh_FAH16to70	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
264	ALL	587932.5	4126515	2.05E-06	1.25YrCancerDerived_Inh_FAH16to70	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
618	ALL	587952.5	4126815	2.04E-06	1.25YrCancerDerived_Inh_FAH16to70	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
617	ALL	587932.5	4126815	2.04E-06	1.25YrCancerDerived_Inh_FAH16to70	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
388	ALL	588312.5	4126655	2.03E-06	1.25YrCancerDerived_Inh_FAH16to70	2.03E-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
619	ALL	587972.5	4126815	2.03E-06	1.25YrCancerDerived_Inh_FAH16to70	2.03E-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
307	ALL	587872.5	4126595	2.03E-06	1.25YrCancerDerived_Inh_FAH16to70	2.03E-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
448	ALL	588272.5	4126695	2.02E-06	1.25YrCancerDerived_Inh_FAH16to70	2.02E-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
616	ALL	587912.5	4126815	2.02E-06	1.25YrCancerDerived_Inh_FAH16to70	2.02E-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
31	ALL	588412.5	4126255	2.02E-06	1.25YrCancerDerived_Inh_FAH16to70	2.02E-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
518	ALL	587812.5	4126755	2.01E-06	1.25YrCancerDerived_Inh_FAH16to70	2.01E-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
620	ALL	587992.5	4126815	2.01E-06	1.25YrCancerDerived_Inh_FAH16to70	2.01E-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
425	ALL	587812.5	4126695	2.00E-06	1.25YrCancerDerived_Inh_FAH16to70	2.00E-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
595	ALL	588112.5	4126795	2.00E-06	1.25YrCancerDerived_Inh_FAH16to70	2.00E-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
58	ALL	588332.5	4126275	1.99E-06	1.25YrCancerDerived_Inh_FAH16to70	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
621	ALL	588012.5	4126815	1.99E-06	1.25YrCancerDerived_Inh_FAH16to70	1.99E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00

235	ALL	587972.5	4126455	1.94E-06	1.25YrCancerDerived_Inh_FAH16to70	1.94E-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
341	ALL	588352.5	4126615	1.94E-06	1.25YrCancerDerived_Inh_FAH16to70	1.94E-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
108	ALL	588232.5	4126315	1.93E-06	1.25YrCancerDerived_Inh_FAH16to70	1.93E-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
581	ALL	587832.5	4126795	1.93E-06	1.25YrCancerDerived_Inh_FAH16to70	1.93E-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
614	ALL	587872.5	4126815	1.93E-06	1.25YrCancerDerived_Inh_FAH16to70	1.93E-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
549	ALL	587812.5	4126775	1.92E-06	1.25YrCancerDerived_Inh_FAH16to70	1.92E-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
623	ALL	588052.5	4126815	1.92E-06	1.25YrCancerDerived_Inh_FAH16to70	1.92E-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
272	ALL	587912.5	4126535	1.91E-06	1.25YrCancerDerived_Inh_FAH16to70	1.91E-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
83	ALL	588272.5	4126295	1.91E-06	1.25YrCancerDerived_Inh_FAH16to70	1.91E-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
394	ALL	587812.5	4126675	1.89E-06	1.25YrCancerDerived_Inh_FAH16to70	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
596	ALL	588132.5	4126795	1.88E-06	1.25YrCancerDerived_Inh_FAH16to70	1.88E-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
246	ALL	587952.5	4126475	1.88E-06	1.25YrCancerDerived_Inh_FAH16to70	1.88E-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
624	ALL	588072.5	4126815	1.86E-06	1.25YrCancerDerived_Inh_FAH16to70	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
508	ALL	588232.5	4126735	1.86E-06	1.25YrCancerDerived_Inh_FAH16to70	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
613	ALL	587852.5	4126815	1.86E-06	1.25YrCancerDerived_Inh_FAH16to70	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
567	ALL	588172.5	4126775	1.85E-06	1.25YrCancerDerived_Inh_FAH16to70	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
29	ALL	588372.5	4126255	1.85E-06	1.25YrCancerDerived_Inh_FAH16to70	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
346	ALL	587832.5	4126635	1.85E-06	1.25YrCancerDerived_Inh_FAH16to70	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
57	ALL	588312.5	4126275	1.83E-06	1.25YrCancerDerived_Inh_FAH16to70	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
283	ALL	587892.5	4126555	1.82E-06	1.25YrCancerDerived_Inh_FAH16to70	1.82E-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
255	ALL	587932.5	4126495	1.81E-06	1.25YrCancerDerived_Inh_FAH16to70	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
580	ALL	587812.5	4126795	1.81E-06	1.25YrCancerDerived_Inh_FAH16to70	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
625	ALL	588092.5	4126815	1.79E-06	1.25YrCancerDerived_Inh_FAH16to70	1.79E-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
612	ALL	587832.5	4126815	1.77E-06	1.25YrCancerDerived_Inh_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	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	588312.5	4126675	1.77E-06	1.25YrCancerDerived_Inh_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	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	588212.5	4126755	1.76E-06	1.25YrCancerDerived_Inh_FAH16to70	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
449	ALL	588292.5	4126695	1.76E-06	1.25YrCancerDerived_Inh_FAH16to70	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
648	ALL	587932.5	4126835	1.75E-06	1.25YrCancerDerived_Inh_FAH16to70	1.75E-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
294	ALL	587872.5	4126575	1.75E-06	1.25YrCancerDerived_Inh_FAH16to70	1.75E-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
647	ALL	587912.5	4126835	1.75E-06	1.25YrCancerDerived_Inh_FAH16to70	1.75E-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
28	ALL	588352.5	4126255	1.74E-06	1.25YrCancerDerived_Inh_FAH16to70	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
649	ALL	587952.5	4126835	1.74E-06	1.25YrCancerDerived_Inh_FAH16to70	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
369	ALL	587812.5	4126655	1.74E-06	1.25YrCancerDerived_Inh_FAH16to70	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
389	ALL	588332.5	4126655	1.74E-06	1.25YrCancerDerived_Inh_FAH16to70	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
646	ALL	587892.5	4126835	1.73E-06	1.25YrCancerDerived_Inh_FAH16to70	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
650	ALL	587972.5	4126835	1.73E-06	1.25YrCancerDerived_Inh_FAH16to70	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
479	ALL	588272.5	4126715	1.72E-06	1.25YrCancerDerived_Inh_FAH16to70	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
597	ALL	588152.5	4126795	1.72E-06	1.25YrCancerDerived_Inh_FAH16to70	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
82	ALL	588252.5	4126295	1.71E-06	1.25YrCancerDerived_Inh_FAH16to70	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
645	ALL	587872.5	4126835	1.71E-06	1.25YrCancerDerived_Inh_FAH16to70	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
651	ALL	587992.5	4126835	1.71E-06	1.25YrCancerDerived_Inh_FAH16to70	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
263	ALL	587912.5	4126515	1.69E-06	1.25YrCancerDerived_Inh_FAH16to70	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
306	ALL	587852.5	4126595	1.69E-06	1.25YrCancerDerived_Inh_FAH16to70	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
365	ALL	588352.5	4126635	1.69E-06	1.25YrCancerDerived_Inh_FAH16to70	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
652	ALL	588012.5	4126835	1.69E-06	1.25YrCancerDerived_Inh_FAH16to70	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
611	ALL	587812.5	4126815	1.68E-06	1.25YrCancerDerived_Inh_FAH16to70	1.68E-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
56	ALL	588292.5	4126275	1.68E-06	1.25YrCancerDerived_Inh_FAH16to70	1.68E-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
644	ALL	587852.5	4126835	1.67E-06	1.25YrCancerDerived_Inh_FAH16to70	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
653	ALL	588032.5	4126835	1.67E-06	1.25YrCancerDerived_Inh_FAH16to70	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
568	ALL	588192.5	4126775	1.67E-06	1.25YrCancerDerived_Inh_FAH16to70	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
321	ALL	588392.5	4126595	1.66E-06	1.25YrCancerDerived_Inh_FAH16to70	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
342	ALL	588372.5	4126615	1.66E-06	1.25YrCancerDerived_Inh_FAH16to70	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
222	ALL	587972.5	4126435	1.66E-06	1.25YrCancerDerived_Inh_FAH16to70	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
626	ALL	588112.5	4126815	1.65E-06	1.25YrCancerDerived_Inh_FAH16to70	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
509	ALL	588252.5	4126735	1.65E-06	1.25YrCancerDerived_Inh_FAH16to70	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
324	ALL	587832.5	4126615	1.63E-06	1.25YrCancerDerived_Inh_FAH16to70	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
654	ALL	588052.5	4126835	1.63E-06	1.25YrCancerDerived_Inh_FAH16to70	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
234	ALL	587952.5	4126455	1.62E-06	1.25YrCancerDerived_Inh_FAH16to70	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
27	ALL	588332.5	4126255	1.62E-06	1.25YrCancerDerived_Inh_FAH16to70	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
643	ALL	587832.5	4126835	1.61E-06	1.25YrCancerDerived_Inh_FAH16to70	1.61E-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
271	ALL	587892.5	4126535	1.60E-06	1.25YrCancerDerived_Inh_FAH16to70	1.60E-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
208	ALL	587992.5	4126415	1.59E-06	1.25YrCancerDerived_Inh_FAH16to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00	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	587932.5	4126475	1.59E-06	1.25YrCancerDerived_Inh_FAH16to70	1.59E-06	0.00E+00	0.00E+00	0.00E+00	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	588132.5	4126815	1.58E-06	1.25YrCancerDerived_Inh_FAH16to70	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
655	ALL	588072.5	4126835	1.58E-06	1.25YrCancerDerived_Inh_FAH16to70	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
539	ALL	588232.5	4126755	1.58E-06	1.25YrCancerDerived_Inh_FAH16to70	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
345	ALL	587812.5	4126635	1.56E-06	1.25YrCancerDerived_Inh_FAH16to70	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
598	ALL	588172.5	4126795	1.56E-06	1.25YrCancerDerived_Inh_FAH16to70	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
642	ALL	587812.5	4126835	1.55E-06	1.25YrCancerDerived_Inh_FAH16to70	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
450	ALL	588312.5	4126695	1.54E-06	1.25YrCancerDerived_Inh_FAH16to70	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
677	ALL	587892.5	4126855	1.54E-06	1.25YrCancerDerived_Inh_FAH16to70	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
678	ALL	587912.5	4126855	1.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
420	ALL	588332.5	4126675	1.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
81	ALL	588232.5	4126295	1.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
55	ALL	588272.5	4126275	1.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
191	ALL	588012.5	4126395	1.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
282	ALL	587872.5	4126555	1.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
679	ALL	587932.5	4126855	1.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
676	ALL	587872.5	4126855	1.52E-06	1.25YrCancerDerived_Inh_FAH16to70	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
480	ALL	588292.5	4126715	1.52E-06	1.25YrCancerDerived_Inh_FAH16to70	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
656	ALL	588092.5	4126835	1.52E-06	1.25YrCancerDerived_Inh_FAH16to70	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
680	ALL	587952.5	4126855	1.51E-06	1.25YrCancerDerived_Inh_FAH16to70	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
254	ALL	587912.5	4126495	1.51E-06	1.25YrCancerDerived_Inh_FAH16to70	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
390	ALL	588352.5	4126655	1.50E-06	1.25YrCancerDerived_Inh_FAH16to70	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
681	ALL	587972.5	4126855	1.50E-06	1.25YrCancerDerived_Inh_FAH16to70	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
675	ALL	587852.5	4126855	1.50E-06	1.25YrCancerDerived_Inh_FAH16to70	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
569	ALL	588212.5	4126775	1.50E-06	1.25YrCancerDerived_Inh_FAH16to70	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
26	ALL	588312.5	4126255	1.49E-06	1.25YrCancerDerived_Inh_FAH16to70	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
293	ALL	587852.5	4126575	1.48E-06	1.25YrCancerDerived_Inh_FAH16to70	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
510	ALL	588272.5	4126735	1.47E-06	1.25YrCancerDerived_Inh_FAH16to70	1.47E-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
682	ALL	587992.5	4126855	1.47E-06	1.25YrCancerDerived_Inh_FAH16to70	1.47E-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
674	ALL	587832.5	4126855	1.46E-06	1.25YrCancerDerived_Inh_FAH16to70	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
628	ALL	588152.5	4126815	1.46E-06	1.25YrCancerDerived_Inh_FAH16to70	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
366	ALL	588372.5	4126635	1.46E-06	1.25YrCancerDerived_Inh_FAH16to70	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
683	ALL	588012.5	4126855	1.45E-06	1.25YrCancerDerived_Inh_FAH16to70	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
322	ALL	588412.5	4126595	1.44E-06	1.25YrCancerDerived_Inh_FAH16to70	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
343	ALL	588392.5	4126615	1.44E-06	1.25YrCancerDerived_Inh_FAH16to70	1.44E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00

599	ALL	588192.5	4126795	1.42E-06	1.25YrCancerDerived_Inh_FAH16to70	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
540	ALL	588252.5	4126755	1.41E-06	1.25YrCancerDerived_Inh_FAH16to70	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
207	ALL	587972.5	4126415	1.40E-06	1.25YrCancerDerived_Inh_FAH16to70	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
685	ALL	588052.5	4126855	1.40E-06	1.25YrCancerDerived_Inh_FAH16to70	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
323	ALL	587812.5	4126615	1.39E-06	1.25YrCancerDerived_Inh_FAH16to70	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
233	ALL	587932.5	4126455	1.39E-06	1.25YrCancerDerived_Inh_FAH16to70	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
54	ALL	588252.5	4126275	1.38E-06	1.25YrCancerDerived_Inh_FAH16to70	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
25	ALL	588292.5	4126255	1.36E-06	1.25YrCancerDerived_Inh_FAH16to70	1.36E-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
686	ALL	588072.5	4126855	1.36E-06	1.25YrCancerDerived_Inh_FAH16to70	1.36E-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
451	ALL	588332.5	4126695	1.36E-06	1.25YrCancerDerived_Inh_FAH16to70	1.36E-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
270	ALL	587872.5	4126535	1.36E-06	1.25YrCancerDerived_Inh_FAH16to70	1.36E-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
658	ALL	588132.5	4126835	1.35E-06	1.25YrCancerDerived_Inh_FAH16to70	1.35E-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
190	ALL	587992.5	4126395	1.35E-06	1.25YrCancerDerived_Inh_FAH16to70	1.35E-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
244	ALL	587912.5	4126475	1.35E-06	1.25YrCancerDerived_Inh_FAH16to70	1.35E-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
570	ALL	588232.5	4126775	1.35E-06	1.25YrCancerDerived_Inh_FAH16to70	1.35E-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
481	ALL	588312.5	4126715	1.35E-06	1.25YrCancerDerived_Inh_FAH16to70	1.35E-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
421	ALL	588352.5	4126675	1.34E-06	1.25YrCancerDerived_Inh_FAH16to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00	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	588172.5	4126815	1.34E-06	1.25YrCancerDerived_Inh_FAH16to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00	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	588292.5	4126735	1.32E-06	1.25YrCancerDerived_Inh_FAH16to70	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
391	ALL	588372.5	4126655	1.31E-06	1.25YrCancerDerived_Inh_FAH16to70	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
281	ALL	587852.5	4126555	1.31E-06	1.25YrCancerDerived_Inh_FAH16to70	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
153	ALL	588052.5	4126355	1.31E-06	1.25YrCancerDerived_Inh_FAH16to70	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
687	ALL	588092.5	4126855	1.30E-06	1.25YrCancerDerived_Inh_FAH16to70	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
172	ALL	588012.5	4126375	1.28E-06	1.25YrCancerDerived_Inh_FAH16to70	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
600	ALL	588212.5	4126795	1.28E-06	1.25YrCancerDerived_Inh_FAH16to70	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
253	ALL	587892.5	4126495	1.28E-06	1.25YrCancerDerived_Inh_FAH16to70	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
132	ALL	588092.5	4126335	1.28E-06	1.25YrCancerDerived_Inh_FAH16to70	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
367	ALL	588392.5	4126635	1.27E-06	1.25YrCancerDerived_Inh_FAH16to70	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
541	ALL	588272.5	4126755	1.27E-06	1.25YrCancerDerived_Inh_FAH16to70	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
292	ALL	587832.5	4126575	1.26E-06	1.25YrCancerDerived_Inh_FAH16to70	1.26E-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
659	ALL	588152.5	4126835	1.26E-06	1.25YrCancerDerived_Inh_FAH16to70	1.26E-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
344	ALL	588412.5	4126615	1.25E-06	1.25YrCancerDerived_Inh_FAH16to70	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
53	ALL	588232.5	4126275	1.25E-06	1.25YrCancerDerived_Inh_FAH16to70	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
206	ALL	587952.5	4126415	1.25E-06	1.25YrCancerDerived_Inh_FAH16to70	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
24	ALL	588272.5	4126255	1.24E-06	1.25YrCancerDerived_Inh_FAH16to70	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
688	ALL	588112.5	4126855	1.24E-06	1.25YrCancerDerived_Inh_FAH16to70	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
304	ALL	587812.5	4126595	1.23E-06	1.25YrCancerDerived_Inh_FAH16to70	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
630	ALL	588192.5	4126815	1.22E-06	1.25YrCancerDerived_Inh_FAH16to70	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
571	ALL	588252.5	4126775	1.22E-06	1.25YrCancerDerived_Inh_FAH16to70	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
261	ALL	587872.5	4126515	1.22E-06	1.25YrCancerDerived_Inh_FAH16to70	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
220	ALL	587932.5	4126435	1.22E-06	1.25YrCancerDerived_Inh_FAH16to70	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
107	ALL	588132.5	4126315	1.22E-06	1.25YrCancerDerived_Inh_FAH16to70	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
152	ALL	588032.5	4126355	1.20E-06	1.25YrCancerDerived_Inh_FAH16to70	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
232	ALL	587912.5	4126455	1.20E-06	1.25YrCancerDerived_Inh_FAH16to70	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
482	ALL	588332.5	4126715	1.20E-06	1.25YrCancerDerived_Inh_FAH16to70	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
452	ALL	588352.5	4126695	1.20E-06	1.25YrCancerDerived_Inh_FAH16to70	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
189	ALL	587972.5	4126395	1.20E-06	1.25YrCancerDerived_Inh_FAH16to70	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
131	ALL	588072.5	4126335	1.19E-06	1.25YrCancerDerived_Inh_FAH16to70	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
512	ALL	588312.5	4126735	1.18E-06	1.25YrCancerDerived_Inh_FAH16to70	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
422	ALL	588372.5	4126675	1.18E-06	1.25YrCancerDerived_Inh_FAH16to70	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
601	ALL	588232.5	4126795	1.17E-06	1.25YrCancerDerived_Inh_FAH16to70	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
269	ALL	587852.5	4126535	1.17E-06	1.25YrCancerDerived_Inh_FAH16to70	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
689	ALL	588132.5	4126855	1.16E-06	1.25YrCancerDerived_Inh_FAH16to70	1.16E-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
171	ALL	587992.5	4126375	1.16E-06	1.25YrCancerDerived_Inh_FAH16to70	1.16E-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
660	ALL	588172.5	4126835	1.16E-06	1.25YrCancerDerived_Inh_FAH16to70	1.16E-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
243	ALL	587892.5	4126475	1.15E-06	1.25YrCancerDerived_Inh_FAH16to70	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
392	ALL	588392.5	4126655	1.15E-06	1.25YrCancerDerived_Inh_FAH16to70	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
542	ALL	588292.5	4126755	1.15E-06	1.25YrCancerDerived_Inh_FAH16to70	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
106	ALL	588112.5	4126315	1.14E-06	1.25YrCancerDerived_Inh_FAH16to70	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
23	ALL	588252.5	4126255	1.14E-06	1.25YrCancerDerived_Inh_FAH16to70	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
52	ALL	588212.5	4126275	1.14E-06	1.25YrCancerDerived_Inh_FAH16to70	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
280	ALL	587832.5	4126555	1.12E-06	1.25YrCancerDerived_Inh_FAH16to70	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
368	ALL	588412.5	4126635	1.12E-06	1.25YrCancerDerived_Inh_FAH16to70	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
631	ALL	588212.5	4126815	1.11E-06	1.25YrCancerDerived_Inh_FAH16to70	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
130	ALL	588052.5	4126335	1.11E-06	1.25YrCancerDerived_Inh_FAH16to70	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
572	ALL	588272.5	4126775	1.11E-06	1.25YrCancerDerived_Inh_FAH16to70	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
252	ALL	587872.5	4126495	1.10E-06	1.25YrCancerDerived_Inh_FAH16to70	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
151	ALL	588012.5	4126355	1.10E-06	1.25YrCancerDerived_Inh_FAH16to70	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
205	ALL	587932.5	4126415	1.10E-06	1.25YrCancerDerived_Inh_FAH16to70	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
690	ALL	588152.5	4126855	1.09E-06	1.25YrCancerDerived_Inh_FAH16to70	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
291	ALL	587812.5	4126575	1.09E-06	1.25YrCancerDerived_Inh_FAH16to70	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
80	ALL	588152.5	4126295	1.09E-06	1.25YrCancerDerived_Inh_FAH16to70	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
483	ALL	588352.5	4126715	1.07E-06	1.25YrCancerDerived_Inh_FAH16to70	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
105	ALL	588092.5	4126315	1.07E-06	1.25YrCancerDerived_Inh_FAH16to70	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
453	ALL	588372.5	4126695	1.07E-06	1.25YrCancerDerived_Inh_FAH16to70	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
602	ALL	588252.5	4126795	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
513	ALL	588332.5	4126735	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
219	ALL	587912.5	4126435	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
661	ALL	588192.5	4126835	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
51	ALL	588192.5	4126275	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
188	ALL	587952.5	4126395	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
260	ALL	587852.5	4126515	1.05E-06	1.25YrCancerDerived_Inh_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
231	ALL	587892.5	4126455	1.05E-06	1.25YrCancerDerived_Inh_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
423	ALL	588392.5	4126675	1.05E-06	1.25YrCancerDerived_Inh_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
543	ALL	588312.5	4126755	1.04E-06	1.25YrCancerDerived_Inh_FAH16to70	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
22	ALL	588232.5	4126255	1.04E-06	1.25YrCancerDerived_Inh_FAH16to70	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
170	ALL	587972.5	4126375	1.03E-06	1.25YrCancerDerived_Inh_FAH16to70	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
129	ALL	588032.5	4126335	1.02E-06	1.25YrCancerDerived_Inh_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
632	ALL	588232.5	4126815	1.02E-06	1.25YrCancerDerived_Inh_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
393	ALL	588412.5	4126655	1.02E-06	1.25YrCancerDerived_Inh_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
79	ALL	588132.5	4126295	1.02E-06	1.25YrCancerDerived_Inh_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	587832.5	4126535	1.01E-06	1.25YrCancerDerived_Inh_FAH16to70	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
691	ALL	588172.5	4126855	1.01E-06	1.25YrCancerDerived_Inh_FAH16to70	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
573	ALL	588292.5	4126775	1.01E-06	1.25YrCancerDerived_Inh_FAH16to70	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
104	ALL	588072.5	4126315	1.01E-06	1.25YrCancerDerived_Inh_FAH16to70	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
242	ALL	587872.5	4126475	1.00E-06	1.25YrCancerDerived_Inh_FAH16to70	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
150	ALL	587992.5	4126355	9.97E-07	1.25YrCancerDerived_Inh_FAH16to70	9.97E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

204	ALL	587912.5	4126415	9.57E-07	1.25YrCancerDerived_Inh_FAH16to70	9.57E-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
21	ALL	588212.5	4126255	9.56E-07	1.25YrCancerDerived_Inh_FAH16to70	9.56E-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
187	ALL	587932.5	4126395	9.54E-07	1.25YrCancerDerived_Inh_FAH16to70	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
454	ALL	588392.5	4126695	9.51E-07	1.25YrCancerDerived_Inh_FAH16to70	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
544	ALL	588332.5	4126755	9.45E-07	1.25YrCancerDerived_Inh_FAH16to70	9.45E-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
103	ALL	588052.5	4126315	9.45E-07	1.25YrCancerDerived_Inh_FAH16to70	9.45E-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
128	ALL	588012.5	4126335	9.44E-07	1.25YrCancerDerived_Inh_FAH16to70	9.44E-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
218	ALL	587892.5	4126435	9.36E-07	1.25YrCancerDerived_Inh_FAH16to70	9.36E-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
633	ALL	588252.5	4126815	9.36E-07	1.25YrCancerDerived_Inh_FAH16to70	9.36E-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
692	ALL	588192.5	4126855	9.32E-07	1.25YrCancerDerived_Inh_FAH16to70	9.32E-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
424	ALL	588412.5	4126675	9.30E-07	1.25YrCancerDerived_Inh_FAH16to70	9.30E-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
169	ALL	587952.5	4126375	9.27E-07	1.25YrCancerDerived_Inh_FAH16to70	9.27E-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
574	ALL	588312.5	4126775	9.22E-07	1.25YrCancerDerived_Inh_FAH16to70	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
49	ALL	588152.5	4126275	9.21E-07	1.25YrCancerDerived_Inh_FAH16to70	9.21E-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
259	ALL	587832.5	4126515	9.21E-07	1.25YrCancerDerived_Inh_FAH16to70	9.21E-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
230	ALL	587872.5	4126455	9.20E-07	1.25YrCancerDerived_Inh_FAH16to70	9.20E-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
77	ALL	588092.5	4126295	9.14E-07	1.25YrCancerDerived_Inh_FAH16to70	9.14E-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
149	ALL	587972.5	4126355	9.02E-07	1.25YrCancerDerived_Inh_FAH16to70	9.02E-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
663	ALL	588232.5	4126835	8.98E-07	1.25YrCancerDerived_Inh_FAH16to70	8.98E-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
20	ALL	588192.5	4126255	8.95E-07	1.25YrCancerDerived_Inh_FAH16to70	8.95E-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
604	ALL	588292.5	4126795	8.94E-07	1.25YrCancerDerived_Inh_FAH16to70	8.94E-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
267	ALL	587812.5	4126535	8.86E-07	1.25YrCancerDerived_Inh_FAH16to70	8.86E-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	587852.5	4126475	8.79E-07	1.25YrCancerDerived_Inh_FAH16to70	8.79E-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
102	ALL	588032.5	4126315	8.74E-07	1.25YrCancerDerived_Inh_FAH16to70	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
515	ALL	588372.5	4126735	8.69E-07	1.25YrCancerDerived_Inh_FAH16to70	8.69E-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
48	ALL	588132.5	4126275	8.67E-07	1.25YrCancerDerived_Inh_FAH16to70	8.67E-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
485	ALL	588392.5	4126715	8.66E-07	1.25YrCancerDerived_Inh_FAH16to70	8.66E-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
186	ALL	587912.5	4126395	8.64E-07	1.25YrCancerDerived_Inh_FAH16to70	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
127	ALL	587992.5	4126335	8.64E-07	1.25YrCancerDerived_Inh_FAH16to70	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
545	ALL	588352.5	4126755	8.62E-07	1.25YrCancerDerived_Inh_FAH16to70	8.62E-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
634	ALL	588272.5	4126815	8.61E-07	1.25YrCancerDerived_Inh_FAH16to70	8.61E-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
693	ALL	588212.5	4126855	8.61E-07	1.25YrCancerDerived_Inh_FAH16to70	8.61E-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
76	ALL	588072.5	4126295	8.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
455	ALL	588412.5	4126695	8.53E-07	1.25YrCancerDerived_Inh_FAH16to70	8.53E-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
575	ALL	588332.5	4126775	8.44E-07	1.25YrCancerDerived_Inh_FAH16to70	8.44E-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
250	ALL	587832.5	4126495	8.41E-07	1.25YrCancerDerived_Inh_FAH16to70	8.41E-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
203	ALL	587892.5	4126415	8.41E-07	1.25YrCancerDerived_Inh_FAH16to70	8.41E-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
19	ALL	588172.5	4126255	8.38E-07	1.25YrCancerDerived_Inh_FAH16to70	8.38E-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
168	ALL	587932.5	4126375	8.30E-07	1.25YrCancerDerived_Inh_FAH16to70	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
217	ALL	587872.5	4126435	8.29E-07	1.25YrCancerDerived_Inh_FAH16to70	8.29E-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
664	ALL	588252.5	4126835	8.27E-07	1.25YrCancerDerived_Inh_FAH16to70	8.27E-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
47	ALL	588112.5	4126275	8.23E-07	1.25YrCancerDerived_Inh_FAH16to70	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
605	ALL	588312.5	4126795	8.21E-07	1.25YrCancerDerived_Inh_FAH16to70	8.21E-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
148	ALL	587952.5	4126355	8.17E-07	1.25YrCancerDerived_Inh_FAH16to70	8.17E-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
258	ALL	587812.5	4126515	8.12E-07	1.25YrCancerDerived_Inh_FAH16to70	8.12E-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
229	ALL	587852.5	4126455	8.11E-07	1.25YrCancerDerived_Inh_FAH16to70	8.11E-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
101	ALL	588012.5	4126315	8.10E-07	1.25YrCancerDerived_Inh_FAH16to70	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
75	ALL	588052.5	4126295	8.09E-07	1.25YrCancerDerived_Inh_FAH16to70	8.09E-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
694	ALL	588232.5	4126855	7.96E-07	1.25YrCancerDerived_Inh_FAH16to70	7.96E-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
635	ALL	588292.5	4126815	7.94E-07	1.25YrCancerDerived_Inh_FAH16to70	7.94E-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
18	ALL	588152.5	4126255	7.93E-07	1.25YrCancerDerived_Inh_FAH16to70	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
126	ALL	587972.5	4126335	7.91E-07	1.25YrCancerDerived_Inh_FAH16to70	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
516	ALL	588392.5	4126735	7.90E-07	1.25YrCancerDerived_Inh_FAH16to70	7.90E-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
546	ALL	588372.5	4126755	7.87E-07	1.25YrCancerDerived_Inh_FAH16to70	7.87E-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
46	ALL	588092.5	4126275	7.85E-07	1.25YrCancerDerived_Inh_FAH16to70	7.85E-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
486	ALL	588412.5	4126715	7.83E-07	1.25YrCancerDerived_Inh_FAH16to70	7.83E-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
240	ALL	587832.5	4126475	7.77E-07	1.25YrCancerDerived_Inh_FAH16to70	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
576	ALL	588352.5	4126775	7.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
185	ALL	587892.5	4126395	7.74E-07	1.25YrCancerDerived_Inh_FAH16to70	7.74E-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
665	ALL	588272.5	4126835	7.66E-07	1.25YrCancerDerived_Inh_FAH16to70	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
74	ALL	588032.5	4126295	7.60E-07	1.25YrCancerDerived_Inh_FAH16to70	7.60E-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
606	ALL	588332.5	4126795	7.56E-07	1.25YrCancerDerived_Inh_FAH16to70	7.56E-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
202	ALL	587872.5	4126415	7.51E-07	1.25YrCancerDerived_Inh_FAH16to70	7.51E-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
167	ALL	587912.5	4126375	7.48E-07	1.25YrCancerDerived_Inh_FAH16to70	7.48E-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
100	ALL	587992.5	4126315	7.48E-07	1.25YrCancerDerived_Inh_FAH16to70	7.48E-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
17	ALL	588132.5	4126255	7.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
249	ALL	587812.5	4126495	7.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
45	ALL	588072.5	4126275	7.44E-07	1.25YrCancerDerived_Inh_FAH16to70	7.44E-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
695	ALL	588252.5	4126855	7.38E-07	1.25YrCancerDerived_Inh_FAH16to70	7.38E-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
147	ALL	587932.5	4126355	7.38E-07	1.25YrCancerDerived_Inh_FAH16to70	7.38E-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
216	ALL	587852.5	4126435	7.37E-07	1.25YrCancerDerived_Inh_FAH16to70	7.37E-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
636	ALL	588312.5	4126815	7.34E-07	1.25YrCancerDerived_Inh_FAH16to70	7.34E-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
228	ALL	587832.5	4126455	7.23E-07	1.25YrCancerDerived_Inh_FAH16to70	7.23E-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
547	ALL	588392.5	4126755	7.21E-07	1.25YrCancerDerived_Inh_FAH16to70	7.21E-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
125	ALL	587952.5	4126335	7.21E-07	1.25YrCancerDerived_Inh_FAH16to70	7.21E-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
517	ALL	588412.5	4126735	7.20E-07	1.25YrCancerDerived_Inh_FAH16to70	7.20E-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
577	ALL	588372.5	4126775	7.11E-07	1.25YrCancerDerived_Inh_FAH16to70	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
666	ALL	588292.5	4126835	7.10E-07	1.25YrCancerDerived_Inh_FAH16to70	7.10E-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
16	ALL	588112.5	4126255	7.10E-07	1.25YrCancerDerived_Inh_FAH16to70	7.10E-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
44	ALL	588052.5	4126275	7.07E-07	1.25YrCancerDerived_Inh_FAH16to70	7.07E-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
73	ALL	588012.5	4126295	7.06E-07	1.25YrCancerDerived_Inh_FAH16to70	7.06E-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
607	ALL	588352.5	4126795	6.98E-07	1.25YrCancerDerived_Inh_FAH16to70	6.98E-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
99	ALL	587972.5	4126315	6.97E-07	1.25YrCancerDerived_Inh_FAH16to70	6.97E-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
239	ALL	587812.5	4126475	6.92E-07	1.25YrCancerDerived_Inh_FAH16to70	6.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
166	ALL	587892.5	4126375	6.87E-07	1.25YrCancerDerived_Inh_FAH16to70	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
696	ALL	588272.5	4126855	6.86E-07	1.25YrCancerDerived_Inh_FAH16to70	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
637	ALL	588332.5	4126815	6.81E-07	1.25YrCancerDerived_Inh_FAH16to70	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
15	ALL	588092.5	4126255	6.77E-07	1.25YrCancerDerived_Inh_FAH16to70	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
184	ALL	587872.5	4126395	6.76E-07	1.25YrCancerDerived_Inh_FAH16to70	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
201	ALL	587852.5	4126415	6.73E-07	1.25YrCancerDerived_Inh_FAH16to70	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
146	ALL	587912.5	4126355	6.71E-07	1.25YrCancerDerived_Inh_FAH16to70	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
43	ALL	588032.5	4126275	6.62E-07	1.25YrCancerDerived_Inh_FAH16to70	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
667	ALL	588312.5	4126835	6.60E-07	1.25YrCancerDerived_Inh_FAH16to70	6.60E-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
548	ALL	588412.5	4126755	6.60E-07	1.25YrCancerDerived_Inh_FAH16to70	6.60E-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
215	ALL	587832.5	4126435	6.60E-07	1.25YrCancerDerived_Inh_FAH16to70	6.60E-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
72	ALL	587992.5	4126295	6.60E-07	1.25YrCancerDerived_Inh_FAH16to70	6.60E-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
124	ALL	587932.5	4126335	6.56E-07	1.25YrCancerDerived_Inh_FAH16to70	6.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

42	ALL	588012.5	4126275	6.24E-07	1.25YrCancerDerived_Inh_FAH16to70	6.24E-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
13	ALL	588052.5	4126255	6.16E-07	1.25YrCancerDerived_Inh_FAH16to70	6.16E-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
668	ALL	588332.5	4126835	6.16E-07	1.25YrCancerDerived_Inh_FAH16to70	6.16E-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
71	ALL	587972.5	4126295	6.14E-07	1.25YrCancerDerived_Inh_FAH16to70	6.14E-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
145	ALL	587892.5	4126355	6.12E-07	1.25YrCancerDerived_Inh_FAH16to70	6.12E-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
183	ALL	587852.5	4126395	6.09E-07	1.25YrCancerDerived_Inh_FAH16to70	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
200	ALL	587832.5	4126415	6.05E-07	1.25YrCancerDerived_Inh_FAH16to70	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
579	ALL	588412.5	4126775	6.05E-07	1.25YrCancerDerived_Inh_FAH16to70	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
123	ALL	587912.5	4126335	6.03E-07	1.25YrCancerDerived_Inh_FAH16to70	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
609	ALL	588392.5	4126795	5.98E-07	1.25YrCancerDerived_Inh_FAH16to70	5.98E-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
698	ALL	588312.5	4126855	5.97E-07	1.25YrCancerDerived_Inh_FAH16to70	5.97E-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
214	ALL	587812.5	4126435	5.96E-07	1.25YrCancerDerived_Inh_FAH16to70	5.96E-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
97	ALL	587932.5	4126315	5.87E-07	1.25YrCancerDerived_Inh_FAH16to70	5.87E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL	587992.5	4126275	5.85E-07	1.25YrCancerDerived_Inh_FAH16to70	5.85E-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
639	ALL	588372.5	4126815	5.85E-07	1.25YrCancerDerived_Inh_FAH16to70	5.85E-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
12	ALL	588032.5	4126255	5.84E-07	1.25YrCancerDerived_Inh_FAH16to70	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
669	ALL	588352.5	4126835	5.74E-07	1.25YrCancerDerived_Inh_FAH16to70	5.74E-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
70	ALL	587952.5	4126295	5.69E-07	1.25YrCancerDerived_Inh_FAH16to70	5.69E-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
144	ALL	587872.5	4126355	5.64E-07	1.25YrCancerDerived_Inh_FAH16to70	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
164	ALL	587852.5	4126375	5.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
699	ALL	588332.5	4126855	5.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
610	ALL	588412.5	4126795	5.54E-07	1.25YrCancerDerived_Inh_FAH16to70	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
122	ALL	587892.5	4126335	5.54E-07	1.25YrCancerDerived_Inh_FAH16to70	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
11	ALL	588012.5	4126255	5.53E-07	1.25YrCancerDerived_Inh_FAH16to70	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
182	ALL	587832.5	4126395	5.52E-07	1.25YrCancerDerived_Inh_FAH16to70	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
199	ALL	587812.5	4126415	5.51E-07	1.25YrCancerDerived_Inh_FAH16to70	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
40	ALL	587972.5	4126275	5.46E-07	1.25YrCancerDerived_Inh_FAH16to70	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	588392.5	4126815	5.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
96	ALL	587912.5	4126315	5.43E-07	1.25YrCancerDerived_Inh_FAH16to70	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	588372.5	4126835	5.34E-07	1.25YrCancerDerived_Inh_FAH16to70	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
69	ALL	587932.5	4126295	5.28E-07	1.25YrCancerDerived_Inh_FAH16to70	5.28E-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
143	ALL	587852.5	4126355	5.24E-07	1.25YrCancerDerived_Inh_FAH16to70	5.24E-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
700	ALL	588352.5	4126855	5.23E-07	1.25YrCancerDerived_Inh_FAH16to70	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
10	ALL	587992.5	4126255	5.14E-07	1.25YrCancerDerived_Inh_FAH16to70	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
121	ALL	587872.5	4126335	5.12E-07	1.25YrCancerDerived_Inh_FAH16to70	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
39	ALL	587952.5	4126275	5.12E-07	1.25YrCancerDerived_Inh_FAH16to70	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
641	ALL	588412.5	4126815	5.10E-07	1.25YrCancerDerived_Inh_FAH16to70	5.10E-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
163	ALL	587832.5	4126375	5.09E-07	1.25YrCancerDerived_Inh_FAH16to70	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
181	ALL	587812.5	4126395	5.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
95	ALL	587892.5	4126315	5.04E-07	1.25YrCancerDerived_Inh_FAH16to70	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
671	ALL	588392.5	4126835	5.01E-07	1.25YrCancerDerived_Inh_FAH16to70	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
68	ALL	587912.5	4126295	4.94E-07	1.25YrCancerDerived_Inh_FAH16to70	4.94E-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
701	ALL	588372.5	4126855	4.89E-07	1.25YrCancerDerived_Inh_FAH16to70	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
120	ALL	587852.5	4126335	4.84E-07	1.25YrCancerDerived_Inh_FAH16to70	4.84E-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
9	ALL	587972.5	4126255	4.84E-07	1.25YrCancerDerived_Inh_FAH16to70	4.84E-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
38	ALL	587932.5	4126275	4.79E-07	1.25YrCancerDerived_Inh_FAH16to70	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
94	ALL	587872.5	4126315	4.71E-07	1.25YrCancerDerived_Inh_FAH16to70	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
672	ALL	588412.5	4126835	4.70E-07	1.25YrCancerDerived_Inh_FAH16to70	4.70E-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
162	ALL	587812.5	4126375	4.67E-07	1.25YrCancerDerived_Inh_FAH16to70	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
142	ALL	587832.5	4126355	4.65E-07	1.25YrCancerDerived_Inh_FAH16to70	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
8	ALL	587952.5	4126255	4.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
702	ALL	588392.5	4126855	4.60E-07	1.25YrCancerDerived_Inh_FAH16to70	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
67	ALL	587892.5	4126295	4.58E-07	1.25YrCancerDerived_Inh_FAH16to70	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
37	ALL	587912.5	4126275	4.48E-07	1.25YrCancerDerived_Inh_FAH16to70	4.48E-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
93	ALL	587852.5	4126315	4.40E-07	1.25YrCancerDerived_Inh_FAH16to70	4.40E-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
66	ALL	587872.5	4126295	4.39E-07	1.25YrCancerDerived_Inh_FAH16to70	4.39E-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
7	ALL	587932.5	4126255	4.34E-07	1.25YrCancerDerived_Inh_FAH16to70	4.34E-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
703	ALL	588412.5	4126855	4.33E-07	1.25YrCancerDerived_Inh_FAH16to70	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
141	ALL	587812.5	4126355	4.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
119	ALL	587832.5	4126335	4.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
36	ALL	587892.5	4126275	4.17E-07	1.25YrCancerDerived_Inh_FAH16to70	4.17E-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
6	ALL	587912.5	4126255	4.07E-07	1.25YrCancerDerived_Inh_FAH16to70	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
65	ALL	587852.5	4126295	4.03E-07	1.25YrCancerDerived_Inh_FAH16to70	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
92	ALL	587832.5	4126315	4.02E-07	1.25YrCancerDerived_Inh_FAH16to70	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
35	ALL	587872.5	4126275	3.99E-07	1.25YrCancerDerived_Inh_FAH16to70	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
118	ALL	587812.5	4126335	3.97E-07	1.25YrCancerDerived_Inh_FAH16to70	3.97E-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
5	ALL	587892.5	4126255	3.83E-07	1.25YrCancerDerived_Inh_FAH16to70	3.83E-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
64	ALL	587832.5	4126295	3.74E-07	1.25YrCancerDerived_Inh_FAH16to70	3.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
91	ALL	587812.5	4126315	3.69E-07	1.25YrCancerDerived_Inh_FAH16to70	3.69E-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
34	ALL	587852.5	4126275	3.68E-07	1.25YrCancerDerived_Inh_FAH16to70	3.68E-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
4	ALL	587872.5	4126255	3.57E-07	1.25YrCancerDerived_Inh_FAH16to70	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
33	ALL	587832.5	4126275	3.48E-07	1.25YrCancerDerived_Inh_FAH16to70	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
3	ALL	587852.5	4126255	3.46E-07	1.25YrCancerDerived_Inh_FAH16to70	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
63	ALL	587812.5	4126295	3.39E-07	1.25YrCancerDerived_Inh_FAH16to70	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
2	ALL	587832.5	4126255	3.20E-07	1.25YrCancerDerived_Inh_FAH16to70	3.20E-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
32	ALL	587812.5	4126275	3.20E-07	1.25YrCancerDerived_Inh_FAH16to70	3.20E-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
1	ALL	587812.5	4126255	2.81E-07	1.25YrCancerDerived_Inh_FAH16to70	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

Palm Villas Saratoga - Construction Health Risk Assessment - Chronic Risk, Unmitigated Scenario
*HARP - HRACalc v19044 4/24/2019 10:19:54 AM - Chronic Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
316	ALL		588052.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.12E-02
303	ALL		588052.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-02
335	ALL		588052.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-02
315	ALL		588032.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-02
334	ALL		588032.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E-02
357	ALL		588052.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-02
302	ALL		588032.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.70E-02
356	ALL		588032.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-02
333	ALL		588012.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.36E-02
314	ALL		588012.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.28E-02
290	ALL		588032.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.26E-02
355	ALL		588012.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.25E-02
380	ALL		588032.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-02
301	ALL		588012.5	4126575	NonCancerChronicDerived_Inh	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	1.05E-02
379	ALL		588012.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-02
332	ALL		587992.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-03
354	ALL		587992.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-03
407	ALL		588072.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-03
406	ALL		588052.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.32E-03
278	ALL		588032.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-03
405	ALL		588032.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-03
408	ALL		588092.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-03
313	ALL		587992.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.80E-03
378	ALL		587992.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-03
409	ALL		588112.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.51E-03
404	ALL		588012.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.25E-03
289	ALL		588012.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.04E-03
209	ALL		588332.5	4126415	NonCancerChronicDerived_Inh	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
223	ALL		588352.5	4126435	NonCancerChronicDerived_Inh	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
353	ALL		587972.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.54E-03
410	ALL		588132.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-03
403	ALL		587992.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-03
381	ALL		588172.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-03
377	ALL		587972.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
331	ALL		587972.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-03
210	ALL		588352.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.20E-03
300	ALL		587992.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-03
192	ALL		588292.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-03
193	ALL		588312.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-03
437	ALL		588052.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.79E-03
194	ALL		588332.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-03
224	ALL		588372.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-03
436	ALL		588032.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.69E-03
236	ALL		588372.5	4126455	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.66E-03
438	ALL		588072.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.63E-03
402	ALL		587972.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.46E-03
435	ALL		588012.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.45E-03
211	ALL		588372.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E-03
411	ALL		588152.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.39E-03
195	ALL		588352.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-03
312	ALL		587972.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-03
277	ALL		588012.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.25E-03
358	ALL		588212.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.24E-03
439	ALL		588092.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.09E-03
434	ALL		587992.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-03
440	ALL		588112.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.04E-03
376	ALL		587952.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-03
382	ALL		588192.5	4126655	NonCancerChronicDerived_Inh	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	5.89E-03
352	ALL		587952.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.88E-03
196	ALL		588372.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-03
225	ALL		588392.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.73E-03
212	ALL		588392.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.62E-03
288	ALL		587992.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.60E-03
401	ALL		587952.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.54E-03
237	ALL		588392.5	4126455	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03
433	ALL		587972.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-03
175	ALL		588312.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-03
176	ALL		588332.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.50E-03
441	ALL		588132.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03
330	ALL		587952.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.42E-03
177	ALL		588352.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.36E-03
174	ALL		588292.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.35E-03
412	ALL		588172.5	4126675	NonCancerChronicDerived_Inh	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
197	ALL		588392.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.28E-03
299	ALL		587972.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.13E-03
467	ALL		588032.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-03
468	ALL		588052.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.11E-03
178	ALL		588372.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-03
466	ALL		588012.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.05E-03
432	ALL		587952.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-03
213	ALL		588412.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-03
465	ALL		587992.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E-03
226	ALL		588412.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03
359	ALL		588232.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-03
336	ALL		588252.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-03
375	ALL		587932.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-03
469	ALL		588072.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-03
470	ALL		588092.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-03
179	ALL		588392.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.77E-03
198	ALL		588412.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.74E-03
383

156	ALL	588312.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-03
463	ALL	587952.5	4126715	NonCancerChronicDerived_Inh	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	4.30E-03
160	ALL	588392.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.19E-03
329	ALL	587932.5	4126615	NonCancerChronicDerived_Inh	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	4.16E-03
287	ALL	587972.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-03
248	ALL	588412.5	4126475	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.14E-03
472	ALL	588132.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.08E-03
155	ALL	588292.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-03
498	ALL	588032.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
443	ALL	588172.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
497	ALL	588012.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.00E-03
161	ALL	588412.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.97E-03
499	ALL	588052.5	4126735	NonCancerChronicDerived_Inh	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	3.95E-03
399	ALL	587912.5	4126675	NonCancerChronicDerived_Inh	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	3.95E-03
496	ALL	587992.5	4126735	NonCancerChronicDerived_Inh	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
374	ALL	587912.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.92E-03
462	ALL	587932.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.91E-03
360	ALL	588252.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-03
298	ALL	587952.5	4126575	NonCancerChronicDerived_Inh	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	3.83E-03
495	ALL	587972.5	4126735	NonCancerChronicDerived_Inh	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	3.83E-03
384	ALL	588232.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.82E-03
337	ALL	588272.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-03
430	ALL	587912.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.80E-03
500	ALL	588072.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-03
501	ALL	588092.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.71E-03
350	ALL	587912.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-03
494	ALL	587952.5	4126735	NonCancerChronicDerived_Inh	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	3.67E-03
138	ALL	588372.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
414	ALL	588212.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.65E-03
137	ALL	588352.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.63E-03
139	ALL	588392.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.60E-03
473	ALL	588152.5	4126715	NonCancerChronicDerived_Inh	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
310	ALL	587932.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.57E-03
136	ALL	588332.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.53E-03
461	ALL	587912.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-03
140	ALL	588412.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-03
502	ALL	588112.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.47E-03
275	ALL	587972.5	4126535	NonCancerChronicDerived_Inh	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
493	ALL	587932.5	4126735	NonCancerChronicDerived_Inh	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
444	ALL	588192.5	4126695	NonCancerChronicDerived_Inh	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
135	ALL	588312.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-03
398	ALL	587892.5	4126675	NonCancerChronicDerived_Inh	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	3.33E-03
429	ALL	587892.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.28E-03
328	ALL	587912.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-03
373	ALL	587892.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.22E-03
528	ALL	588012.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.21E-03
527	ALL	587992.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
529	ALL	588032.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.19E-03
526	ALL	587972.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
503	ALL	588132.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.17E-03
492	ALL	587912.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.16E-03
286	ALL	587952.5	4126555	NonCancerChronicDerived_Inh	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	3.14E-03
385	ALL	588252.5	4126655	NonCancerChronicDerived_Inh	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	3.14E-03
530	ALL	588052.5	4126755	NonCancerChronicDerived_Inh	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	3.14E-03
134	ALL	588292.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.13E-03
361	ALL	588272.5	4126635	NonCancerChronicDerived_Inh	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	3.12E-03
474	ALL	588172.5	4126715	NonCancerChronicDerived_Inh	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	3.12E-03
460	ALL	587892.5	4126715	NonCancerChronicDerived_Inh	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
525	ALL	587952.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.10E-03
338	ALL	588292.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.06E-03
415	ALL	588232.5	4126675	NonCancerChronicDerived_Inh	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
317	ALL	588312.5	4126595	NonCancerChronicDerived_Inh	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
116	ALL	588392.5	4126315	NonCancerChronicDerived_Inh	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
531	ALL	588072.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.04E-03
115	ALL	588372.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
117	ALL	588412.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.02E-03
349	ALL	587892.5	4126635	NonCancerChronicDerived_Inh	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	2.97E-03
297	ALL	587932.5	4126575	NonCancerChronicDerived_Inh	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	2.97E-03
524	ALL	587932.5	4126755	NonCancerChronicDerived_Inh	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
114	ALL	588352.5	4126315	NonCancerChronicDerived_Inh	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
445	ALL	588212.5	4126695	NonCancerChronicDerived_Inh	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	2.89E-03
532	ALL	588092.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.88E-03
491	ALL	587892.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.87E-03
266	ALL	587972.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-03
133	ALL	588272.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.85E-03
428	ALL	587872.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-03
504	ALL	588152.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.82E-03
113	ALL	588332.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
397	ALL	587872.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.81E-03
309	ALL	587912.5	4126595	NonCancerChronicDerived_Inh	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
523	ALL	587912.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.79E-03
459	ALL	587872.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
533	ALL	588112.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.75E-03
475	ALL	588192.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-03
274	ALL	587952.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E-03
372	ALL	587872.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.66E-03
557	ALL	587972.5	4126775	NonCancerChronicDerived_Inh	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	2.64E-03
112	ALL	588312.5	4126315	NonCancerChronicDerived_Inh	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	2.64E-03
558	ALL	587992.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.63E-03
327	ALL	587892.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E-03
559	ALL	588012.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
490	ALL	587872.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03

562	ALL	588072.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-03
427	ALL	587852.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-03
554	ALL	587912.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
458	ALL	587852.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.44E-03
111	ALL	588292.5	4126315	NonCancerChronicDerived_Inh	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	2.43E-03
348	ALL	587872.5	4126635	NonCancerChronicDerived_Inh	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	2.43E-03
257	ALL	587972.5	4126495	NonCancerChronicDerived_Inh	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
521	ALL	587872.5	4126755	NonCancerChronicDerived_Inh	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
87	ALL	588352.5	4126295	NonCancerChronicDerived_Inh	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
396	ALL	587852.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.38E-03
296	ALL	587912.5	4126575	NonCancerChronicDerived_Inh	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	2.37E-03
489	ALL	587852.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.35E-03
476	ALL	588212.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
553	ALL	587892.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-03
265	ALL	587952.5	4126515	NonCancerChronicDerived_Inh	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	2.31E-03
563	ALL	588092.5	4126775	NonCancerChronicDerived_Inh	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
535	ALL	588152.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.28E-03
308	ALL	587892.5	4126595	NonCancerChronicDerived_Inh	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
86	ALL	588332.5	4126295	NonCancerChronicDerived_Inh	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
564	ALL	588112.5	4126775	NonCancerChronicDerived_Inh	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
371	ALL	587852.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
520	ALL	587852.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.22E-03
110	ALL	588272.5	4126315	NonCancerChronicDerived_Inh	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	2.20E-03
552	ALL	587872.5	4126775	NonCancerChronicDerived_Inh	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	2.20E-03
588	ALL	587972.5	4126795	NonCancerChronicDerived_Inh	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
506	ALL	588192.5	4126735	NonCancerChronicDerived_Inh	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
587	ALL	587952.5	4126795	NonCancerChronicDerived_Inh	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
387	ALL	588292.5	4126655	NonCancerChronicDerived_Inh	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
417	ALL	588272.5	4126675	NonCancerChronicDerived_Inh	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
62	ALL	588412.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
589	ALL	587992.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.18E-03
586	ALL	587932.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.17E-03
590	ALL	588012.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.16E-03
363	ALL	588312.5	4126635	NonCancerChronicDerived_Inh	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	2.14E-03
457	ALL	587832.5	4126715	NonCancerChronicDerived_Inh	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	2.14E-03
326	ALL	587872.5	4126615	NonCancerChronicDerived_Inh	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	2.14E-03
591	ALL	588032.5	4126795	NonCancerChronicDerived_Inh	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	2.14E-03
61	ALL	588392.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
273	ALL	587932.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
447	ALL	588252.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-03
585	ALL	587912.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
426	ALL	587832.5	4126695	NonCancerChronicDerived_Inh	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
488	ALL	587832.5	4126735	NonCancerChronicDerived_Inh	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
85	ALL	588312.5	4126295	NonCancerChronicDerived_Inh	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
340	ALL	588332.5	4126615	NonCancerChronicDerived_Inh	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
592	ALL	588052.5	4126795	NonCancerChronicDerived_Inh	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	2.09E-03
319	ALL	588352.5	4126595	NonCancerChronicDerived_Inh	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	2.09E-03
247	ALL	587972.5	4126475	NonCancerChronicDerived_Inh	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
565	ALL	588132.5	4126775	NonCancerChronicDerived_Inh	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
551	ALL	587852.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03
584	ALL	587892.5	4126795	NonCancerChronicDerived_Inh	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
60	ALL	588372.5	4126275	NonCancerChronicDerived_Inh	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
536	ALL	588172.5	4126755	NonCancerChronicDerived_Inh	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
477	ALL	588232.5	4126715	NonCancerChronicDerived_Inh	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
593	ALL	588072.5	4126795	NonCancerChronicDerived_Inh	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
519	ALL	587832.5	4126755	NonCancerChronicDerived_Inh	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	2.02E-03
284	ALL	587912.5	4126555	NonCancerChronicDerived_Inh	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	2.02E-03
395	ALL	587832.5	4126675	NonCancerChronicDerived_Inh	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	2.02E-03
347	ALL	587852.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-03
256	ALL	587952.5	4126495	NonCancerChronicDerived_Inh	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
583	ALL	587872.5	4126795	NonCancerChronicDerived_Inh	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
109	ALL	588252.5	4126315	NonCancerChronicDerived_Inh	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
594	ALL	588092.5	4126795	NonCancerChronicDerived_Inh	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	1.95E-03
59	ALL	588352.5	4126275	NonCancerChronicDerived_Inh	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	1.95E-03
295	ALL	587892.5	4126575	NonCancerChronicDerived_Inh	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
507	ALL	588212.5	4126735	NonCancerChronicDerived_Inh	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
84	ALL	588292.5	4126295	NonCancerChronicDerived_Inh	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
550	ALL	587832.5	4126775	NonCancerChronicDerived_Inh	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
582	ALL	587852.5	4126795	NonCancerChronicDerived_Inh	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	1.88E-03
487	ALL	587812.5	4126735	NonCancerChronicDerived_Inh	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	1.88E-03
456	ALL	587812.5	4126715	NonCancerChronicDerived_Inh	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	1.88E-03
566	ALL	588152.5	4126775	NonCancerChronicDerived_Inh	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	1.88E-03
370	ALL	587832.5	4126655	NonCancerChronicDerived_Inh	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
418	ALL	588292.5	4126675	NonCancerChronicDerived_Inh	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
264	ALL	587932.5	4126515	NonCancerChronicDerived_Inh	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
618	ALL	587952.5	4126815	NonCancerChronicDerived_Inh	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
617	ALL	587932.5	4126815	NonCancerChronicDerived_Inh	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
388	ALL	588312.5	4126655	NonCancerChronicDerived_Inh	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
619	ALL	587972.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
307	ALL	587872.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
448	ALL	588272.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
616	ALL	587912.5	4126815	NonCancerChronicDerived_Inh	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	1.84E-03
31	ALL	588412.5	4126255	NonCancerChronicDerived_Inh	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	1.84E-03
518	ALL	587812.5	4126755	NonCancerChronicDerived_Inh	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	1.84E-03
620	ALL	587992.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
425	ALL	587812.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
595	ALL	588112.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-03
58	ALL	588332.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-03
621	ALL	588012.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
537	ALL	588192.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
364	ALL	588332.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03
615	ALL	587892.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.81E-03

624	ALL	588072.5	4126815	NonCancerChronicDerived_Inh	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	1.70E-03
508	ALL	588232.5	4126735	NonCancerChronicDerived_Inh	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	1.70E-03
613	ALL	587852.5	4126815	NonCancerChronicDerived_Inh	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	1.70E-03
567	ALL	588172.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
29	ALL	588372.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
346	ALL	587832.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.69E-03
57	ALL	588312.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
283	ALL	587892.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
255	ALL	587932.5	4126495	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
580	ALL	587812.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-03
625	ALL	588092.5	4126815	NonCancerChronicDerived_Inh	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	1.63E-03
612	ALL	587832.5	4126815	NonCancerChronicDerived_Inh	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	1.62E-03
419	ALL	588312.5	4126675	NonCancerChronicDerived_Inh	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	1.62E-03
538	ALL	588212.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
449	ALL	588292.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
648	ALL	587932.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
294	ALL	587872.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
647	ALL	587912.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
28	ALL	588352.5	4126255	NonCancerChronicDerived_Inh	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	1.59E-03
649	ALL	587952.5	4126835	NonCancerChronicDerived_Inh	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	1.59E-03
369	ALL	587812.5	4126655	NonCancerChronicDerived_Inh	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	1.59E-03
389	ALL	588332.5	4126655	NonCancerChronicDerived_Inh	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	1.59E-03
646	ALL	587892.5	4126835	NonCancerChronicDerived_Inh	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	1.59E-03
650	ALL	587972.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-03
479	ALL	588272.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
597	ALL	588152.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
82	ALL	588252.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
645	ALL	587872.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
651	ALL	587992.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
263	ALL	587912.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
306	ALL	587852.5	4126595	NonCancerChronicDerived_Inh	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	1.54E-03
365	ALL	588352.5	4126635	NonCancerChronicDerived_Inh	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	1.54E-03
652	ALL	588012.5	4126835	NonCancerChronicDerived_Inh	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	1.54E-03
611	ALL	587812.5	4126815	NonCancerChronicDerived_Inh	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	1.54E-03
56	ALL	588292.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E-03
644	ALL	587852.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
653	ALL	588032.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
568	ALL	588192.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
321	ALL	588392.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
342	ALL	588372.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
222	ALL	587972.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
626	ALL	588112.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
509	ALL	588252.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E-03
324	ALL	587832.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
654	ALL	588052.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
234	ALL	587952.5	4126455	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
27	ALL	588332.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.48E-03
643	ALL	587832.5	4126835	NonCancerChronicDerived_Inh	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	1.47E-03
271	ALL	587892.5	4126535	NonCancerChronicDerived_Inh	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	1.46E-03
208	ALL	587992.5	4126415	NonCancerChronicDerived_Inh	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	1.46E-03
245	ALL	587932.5	4126475	NonCancerChronicDerived_Inh	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	1.45E-03
627	ALL	588132.5	4126815	NonCancerChronicDerived_Inh	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	1.45E-03
655	ALL	588072.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
539	ALL	588232.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
345	ALL	587812.5	4126635	NonCancerChronicDerived_Inh	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	1.43E-03
598	ALL	588172.5	4126795	NonCancerChronicDerived_Inh	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	1.43E-03
642	ALL	587812.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
450	ALL	588312.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
677	ALL	587892.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
678	ALL	587912.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
420	ALL	588332.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
81	ALL	588232.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
55	ALL	588272.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
191	ALL	588012.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
282	ALL	587872.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
679	ALL	587932.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
676	ALL	587872.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
480	ALL	588292.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
656	ALL	588092.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.39E-03
680	ALL	587952.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
254	ALL	587912.5	4126495	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.38E-03
390	ALL	588352.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
681	ALL	587972.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
675	ALL	587852.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
569	ALL	588212.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.37E-03
26	ALL	588312.5	4126255	NonCancerChronicDerived_Inh	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
293	ALL	587852.5	4126575	NonCancerChronicDerived_Inh	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	1.35E-03
510	ALL	588272.5	4126735	NonCancerChronicDerived_Inh	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	1.35E-03
682	ALL	587992.5	4126855	NonCancerChronicDerived_Inh	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	1.35E-03
674	ALL	587832.5	4126855	NonCancerChronicDerived_Inh	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	1.34E-03
628	ALL	588152.5	4126815	NonCancerChronicDerived_Inh	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	1.34E-03
366	ALL	588372.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
683	ALL	588012.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.33E-03
322	ALL	588412.5	4126595	NonCancerChronicDerived_Inh	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	1.32E-03
343	ALL	588392.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
154	ALL	588072.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
684	ALL	588032.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
305	ALL	587832.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.31E-03
657	ALL	588112.5	4126835	NonCancerChronicDerived_Inh	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	1.30E-03
221	ALL	587952.5	4126435	NonCancerChronicDerived_Inh	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	1.30E-03
262	ALL	587892.5	4126515	NonCancerChronicDerived_Inh	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	1.30E-03
673	ALL	587812.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.30E-03

421	ALL	588352.5	4126675	NonCancerChronicDerived_Inh	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	1.23E-03
629	ALL	588172.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.22E-03
511	ALL	588292.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-03
391	ALL	588372.5	4126655	NonCancerChronicDerived_Inh	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
281	ALL	587852.5	4126555	NonCancerChronicDerived_Inh	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
153	ALL	588052.5	4126355	NonCancerChronicDerived_Inh	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	1.19E-03
687	ALL	588092.5	4126855	NonCancerChronicDerived_Inh	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	1.19E-03
172	ALL	588012.5	4126375	NonCancerChronicDerived_Inh	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	1.17E-03
600	ALL	588212.5	4126795	NonCancerChronicDerived_Inh	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	1.17E-03
253	ALL	587892.5	4126495	NonCancerChronicDerived_Inh	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	1.17E-03
132	ALL	588092.5	4126335	NonCancerChronicDerived_Inh	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	1.17E-03
367	ALL	588392.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
541	ALL	588272.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.16E-03
292	ALL	587832.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
659	ALL	588152.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
344	ALL	588412.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.15E-03
53	ALL	588232.5	4126275	NonCancerChronicDerived_Inh	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	1.14E-03
206	ALL	587952.5	4126415	NonCancerChronicDerived_Inh	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	1.14E-03
24	ALL	588272.5	4126255	NonCancerChronicDerived_Inh	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	1.13E-03
688	ALL	588112.5	4126855	NonCancerChronicDerived_Inh	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	1.13E-03
304	ALL	587812.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.12E-03
630	ALL	588192.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
571	ALL	588252.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
261	ALL	587872.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
220	ALL	587932.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
107	ALL	588132.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
152	ALL	588032.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
232	ALL	587912.5	4126455	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
482	ALL	588332.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
452	ALL	588352.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
189	ALL	587972.5	4126395	NonCancerChronicDerived_Inh	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
131	ALL	588072.5	4126335	NonCancerChronicDerived_Inh	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
512	ALL	588312.5	4126735	NonCancerChronicDerived_Inh	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	1.08E-03
422	ALL	588372.5	4126675	NonCancerChronicDerived_Inh	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	1.08E-03
601	ALL	588232.5	4126795	NonCancerChronicDerived_Inh	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
269	ALL	587852.5	4126535	NonCancerChronicDerived_Inh	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
689	ALL	588132.5	4126855	NonCancerChronicDerived_Inh	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
171	ALL	587992.5	4126375	NonCancerChronicDerived_Inh	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
660	ALL	588172.5	4126835	NonCancerChronicDerived_Inh	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
243	ALL	587892.5	4126475	NonCancerChronicDerived_Inh	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
392	ALL	588392.5	4126655	NonCancerChronicDerived_Inh	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
542	ALL	588292.5	4126755	NonCancerChronicDerived_Inh	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
106	ALL	588112.5	4126315	NonCancerChronicDerived_Inh	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
23	ALL	588252.5	4126255	NonCancerChronicDerived_Inh	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
52	ALL	588212.5	4126275	NonCancerChronicDerived_Inh	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
280	ALL	587832.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
368	ALL	588412.5	4126635	NonCancerChronicDerived_Inh	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
631	ALL	588212.5	4126815	NonCancerChronicDerived_Inh	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
130	ALL	588052.5	4126335	NonCancerChronicDerived_Inh	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
572	ALL	588272.5	4126775	NonCancerChronicDerived_Inh	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	1.01E-03
252	ALL	587872.5	4126495	NonCancerChronicDerived_Inh	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	1.01E-03
151	ALL	588012.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
205	ALL	587932.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E-03
690	ALL	588152.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.96E-04
291	ALL	587812.5	4126575	NonCancerChronicDerived_Inh	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
80	ALL	588152.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.93E-04
483	ALL	588352.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.81E-04
105	ALL	588092.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04
453	ALL	588372.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.73E-04
602	ALL	588252.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04
513	ALL	588332.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.72E-04
219	ALL	587912.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04
661	ALL	588192.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.70E-04
51	ALL	588192.5	4126275	NonCancerChronicDerived_Inh	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
188	ALL	587952.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.67E-04
260	ALL	587852.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.62E-04
231	ALL	587892.5	4126455	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.61E-04
423	ALL	588392.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.55E-04
543	ALL	588312.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.50E-04
22	ALL	588232.5	4126255	NonCancerChronicDerived_Inh	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
170	ALL	587972.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.45E-04
129	ALL	588032.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.36E-04
632	ALL	588232.5	4126815	NonCancerChronicDerived_Inh	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
393	ALL	588412.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.31E-04
79	ALL	588132.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-04
268	ALL	587832.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.24E-04
691	ALL	588172.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.23E-04
573	ALL	588292.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
104	ALL	588072.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.21E-04
242	ALL	587872.5	4126475	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.18E-04
150	ALL	587992.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E-04
50	ALL	588172.5	4126275	NonCancerChronicDerived_Inh	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
662	ALL	588212.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04
603	ALL	588272.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04
279	ALL	587812.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.90E-04
78	ALL	588112.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.81E-04
484	ALL	588372.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.79E-04
251	ALL	587852.5	4126495	NonCancerChronicDerived_Inh	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	8.77E-04
514	ALL	588352.5	4126735	NonCancerChronicDerived_Inh	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
204	ALL	587912.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.75E-04
21	ALL	588212.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.73E-04
187	ALL	587932.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-04

604	ALL	588292.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.17E-04
267	ALL	587812.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04
241	ALL	587852.5	4126475	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04
102	ALL	588032.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.99E-04
515	ALL	588372.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.94E-04
48	ALL	588132.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.92E-04
485	ALL	588392.5	4126715	NonCancerChronicDerived_Inh	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	7.91E-04
186	ALL	587912.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
127	ALL	587992.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.89E-04
545	ALL	588352.5	4126755	NonCancerChronicDerived_Inh	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
634	ALL	588272.5	4126815	NonCancerChronicDerived_Inh	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
693	ALL	588212.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.86E-04
76	ALL	588072.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
455	ALL	588412.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.80E-04
575	ALL	588332.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.71E-04
250	ALL	587832.5	4126495	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.69E-04
203	ALL	587892.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.68E-04
19	ALL	588172.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
168	ALL	587932.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-04
217	ALL	587872.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.58E-04
664	ALL	588252.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
47	ALL	588112.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.52E-04
605	ALL	588312.5	4126795	NonCancerChronicDerived_Inh	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	7.50E-04
148	ALL	587952.5	4126355	NonCancerChronicDerived_Inh	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	7.46E-04
258	ALL	587812.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.42E-04
229	ALL	587852.5	4126455	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
101	ALL	588012.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.40E-04
75	ALL	588052.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.39E-04
694	ALL	588232.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.28E-04
635	ALL	588292.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.26E-04
18	ALL	588152.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.25E-04
126	ALL	587972.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.23E-04
516	ALL	588392.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.22E-04
546	ALL	588372.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.19E-04
46	ALL	588092.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.17E-04
486	ALL	588412.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.15E-04
240	ALL	587832.5	4126475	NonCancerChronicDerived_Inh	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
576	ALL	588352.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
185	ALL	587892.5	4126395	NonCancerChronicDerived_Inh	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	7.07E-04
665	ALL	588272.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.00E-04
74	ALL	588032.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
606	ALL	588332.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.91E-04
202	ALL	587872.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.86E-04
167	ALL	587912.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.84E-04
100	ALL	587992.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
17	ALL	588132.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.83E-04
249	ALL	587812.5	4126495	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.81E-04
45	ALL	588072.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.80E-04
695	ALL	588252.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
147	ALL	587932.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
216	ALL	587852.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.74E-04
636	ALL	588312.5	4126815	NonCancerChronicDerived_Inh	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	6.71E-04
228	ALL	587832.5	4126455	NonCancerChronicDerived_Inh	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
547	ALL	588392.5	4126755	NonCancerChronicDerived_Inh	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
125	ALL	587952.5	4126335	NonCancerChronicDerived_Inh	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
517	ALL	588412.5	4126735	NonCancerChronicDerived_Inh	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
577	ALL	588372.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
666	ALL	588292.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
16	ALL	588112.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-04
44	ALL	588052.5	4126275	NonCancerChronicDerived_Inh	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	6.46E-04
73	ALL	588012.5	4126295	NonCancerChronicDerived_Inh	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	6.45E-04
607	ALL	588352.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
99	ALL	587972.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.37E-04
239	ALL	587812.5	4126475	NonCancerChronicDerived_Inh	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	6.33E-04
166	ALL	587892.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
696	ALL	588272.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.27E-04
637	ALL	588332.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.22E-04
15	ALL	588092.5	4126255	NonCancerChronicDerived_Inh	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
184	ALL	587872.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.18E-04
201	ALL	587852.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.15E-04
146	ALL	587912.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
43	ALL	588032.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.05E-04
667	ALL	588312.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
548	ALL	588412.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
215	ALL	587832.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
72	ALL	587992.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.03E-04
124	ALL	587932.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
578	ALL	588392.5	4126775	NonCancerChronicDerived_Inh	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
227	ALL	587812.5	4126455	NonCancerChronicDerived_Inh	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	5.92E-04
14	ALL	588072.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
608	ALL	588372.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
697	ALL	588292.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
98	ALL	587952.5	4126315	NonCancerChronicDerived_Inh	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
165	ALL	587872.5	4126375	NonCancerChronicDerived_Inh	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
638	ALL	588352.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.77E-04
42	ALL	588012.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.70E-04
13	ALL	588052.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
668	ALL	588332.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.63E-04
71	ALL	587972.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04
145	ALL	587892.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.59E-04
183	ALL	587852.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04
200	ALL	587832.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.53E-04

182	ALL	587832.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-04
199	ALL	587812.5	4126415	NonCancerChronicDerived_Inh	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	5.03E-04
40	ALL	587972.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
640	ALL	588392.5	4126815	NonCancerChronicDerived_Inh	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
96	ALL	587912.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
670	ALL	588372.5	4126835	NonCancerChronicDerived_Inh	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	4.88E-04
69	ALL	587932.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.83E-04
143	ALL	587852.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.79E-04
700	ALL	588352.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.78E-04
10	ALL	587992.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.70E-04
121	ALL	587872.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
39	ALL	587952.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.68E-04
641	ALL	588412.5	4126815	NonCancerChronicDerived_Inh	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
163	ALL	587832.5	4126375	NonCancerChronicDerived_Inh	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	4.65E-04
181	ALL	587812.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.63E-04
95	ALL	587892.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.61E-04
671	ALL	588392.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.58E-04
68	ALL	587912.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.51E-04
701	ALL	588372.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.47E-04
120	ALL	587852.5	4126335	NonCancerChronicDerived_Inh	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
9	ALL	587972.5	4126255	NonCancerChronicDerived_Inh	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
38	ALL	587932.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
94	ALL	587872.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
672	ALL	588412.5	4126835	NonCancerChronicDerived_Inh	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
162	ALL	587812.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.27E-04
142	ALL	587832.5	4126355	NonCancerChronicDerived_Inh	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
8	ALL	587952.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
702	ALL	588392.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.20E-04
67	ALL	587892.5	4126295	NonCancerChronicDerived_Inh	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
37	ALL	587912.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.09E-04
93	ALL	587852.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
66	ALL	587872.5	4126295	NonCancerChronicDerived_Inh	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
7	ALL	587932.5	4126255	NonCancerChronicDerived_Inh	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
703	ALL	588412.5	4126855	NonCancerChronicDerived_Inh	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
141	ALL	587812.5	4126355	NonCancerChronicDerived_Inh	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
119	ALL	587832.5	4126335	NonCancerChronicDerived_Inh	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
36	ALL	587892.5	4126275	NonCancerChronicDerived_Inh	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
6	ALL	587912.5	4126255	NonCancerChronicDerived_Inh	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
65	ALL	587852.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
92	ALL	587832.5	4126315	NonCancerChronicDerived_Inh	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
35	ALL	587872.5	4126275	NonCancerChronicDerived_Inh	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
118	ALL	587812.5	4126335	NonCancerChronicDerived_Inh	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
5	ALL	587892.5	4126255	NonCancerChronicDerived_Inh	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
64	ALL	587832.5	4126295	NonCancerChronicDerived_Inh	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
91	ALL	587812.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-04
34	ALL	587852.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.36E-04
4	ALL	587872.5	4126255	NonCancerChronicDerived_Inh	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
33	ALL	587832.5	4126275	NonCancerChronicDerived_Inh	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
3	ALL	587852.5	4126255	NonCancerChronicDerived_Inh	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
63	ALL	587812.5	4126295	NonCancerChronicDerived_Inh	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
2	ALL	587832.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.93E-04
32	ALL	587812.5	4126275	NonCancerChronicDerived_Inh	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
1	ALL	587812.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04

HARP Project Summary Report 4/24/2019 10:21:31 AM

PROJECT INFORMATION
HARP Version: 19044
Project Name: PALMVILLAS_CONST
Project Output Directory: C:\Users\mmorales\Dropbox\10738 - Palm Villas Saratoga\HRA\PALMVILLAS_CONST
HARP Database: NA

FACILITY INFORMATION
Origin
X (m):0
Y (m):0
Zone:1
No. of Sources:0
No. of Buildings:0

EMISSION INVENTORY
No. of Pollutants:1
No. of Background Pollutants:0

Emissions

ScrID	StkID	ProID	PolID	PolAbbrev
Multi	Annual Ems	MaxHr Ems	MWAF	
(lbs/yr)	(lbs/hr)			
SLINE1	0	0	9901	
DieselExhPM	1	41.295	0.02	1

Background

PolID	PolAbbrev	Conc (ug/m^3)	MWAF

Ground level concentration files (\glc\)

9901MAXHR.txt
9901PER.txt

POLLUTANT HEALTH INFORMATION
Health Database: C:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH18232
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL
InhChronicREL	OralChronicREL	InhChronic8HRREL		
9901	DieselExhPM	1.1		
5				

AIR DISPERSION MODELING INFORMATION

Versions used in HARP. All executables were obtained from USEPA's Support Center for Regulatory Atmospheric Modeling website (http://www.epa.gov/scram001/)
AERMOD: 18081
AERMAP: 18081
BPIPPRM: 04274
AERPLOT: 13329

METEOROLOGICAL INFORMATION
Version:
Surface File:
Profile File:
Surface Station:
Upper Station:
On-Site Station:

LIST OF AIR DISPERSION FILES
AERMOD Input File:
AERMOD Output File:
AERMOD Error File:
Plotfile list
_____
01H1GALL.PLT
PE00GALL.PLT

LIST OF RISK ASSESSMENT FILES
Health risk analysis files (\hra\)
_____
PalmVillas_Construction_Mit_CancerRisk.csv
PalmVillas_Construction_Mit_CancerRiskSumByRec.csv
PalmVillas_Construction_Mit_GLCList.csv
PalmVillas_Construction_Mit_HRAInput.hra
PalmVillas_Construction_Mit_NCAcuteRisk.csv
PalmVillas_Construction_Mit_NCAcuteRiskSumByRec.csv
PalmVillas_Construction_Mit_NCChronicRisk.csv
PalmVillas_Construction_Mit_NCChronicRiskSumByRec.csv
PalmVillas_Construction_Mit_Output.txt
PalmVillas_Construction_Mit_PathwayRec.csv
PalmVillas_Construction_Mit_PolDB.csv
PalmVillas_Construction_Unmit_CancerRisk.csv
PalmVillas_Construction_Unmit_CancerRiskSumByRec.csv
PalmVillas_Construction_Unmit_GLCList.csv
PalmVillas_Construction_Unmit_HRAInput.hra
PalmVillas_Construction_Unmit_NCAcuteRisk.csv
PalmVillas_Construction_Unmit_NCAcuteRiskSumByRec.csv
PalmVillas_Construction_Unmit_NCChronicRisk.csv
PalmVillas_Construction_Unmit_NCChronicRiskSumByRec.csv
PalmVillas_Construction_Unmit_Output.txt
PalmVillas_Construction_Unmit_PathwayRec.csv
PalmVillas_Construction_Unmit_PolDB.csv

Spatial averaging files (\sa\)
_____

Palm Villas Saratoga - Construction Health Risk Assessment - Cancer Risk, Mitigated Scenario
*HARP - HRACalc v19044 4/24/2019 10:21:13 AM - Cancer Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_I	MMILK_RI	WATER_RI	FISH_RISK	CROP_RISI	BEEF_RISK	DAIRY_RIS	PIG_RISK	CHICKEN_I	EGG_RISK
316	ALL		588052.5	4126595	9.06E-06	1.25YrCancerDerived_Inh_FAH16to70	9.06E-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
303	ALL		588052.5	4126575	8.59E-06	1.25YrCancerDerived_Inh_FAH16to70	8.59E-06	0.00E+00	0.00E+00	0.00E+00	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		588052.5	4126615	7.60E-06	1.25YrCancerDerived_Inh_FAH16to70	7.60E-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
315	ALL		588032.5	4126595	5.72E-06	1.25YrCancerDerived_Inh_FAH16to70	5.72E-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
334	ALL		588032.5	4126615	5.52E-06	1.25YrCancerDerived_Inh_FAH16to70	5.52E-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
357	ALL		588052.5	4126635	5.49E-06	1.25YrCancerDerived_Inh_FAH16to70	5.49E-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
302	ALL		588032.5	4126575	4.93E-06	1.25YrCancerDerived_Inh_FAH16to70	4.93E-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
356	ALL		588032.5	4126635	4.56E-06	1.25YrCancerDerived_Inh_FAH16to70	4.56E-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
333	ALL		588012.5	4126615	3.95E-06	1.25YrCancerDerived_Inh_FAH16to70	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
314	ALL		588012.5	4126595	3.73E-06	1.25YrCancerDerived_Inh_FAH16to70	3.73E-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
290	ALL		588032.5	4126555	3.67E-06	1.25YrCancerDerived_Inh_FAH16to70	3.67E-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
355	ALL		588012.5	4126635	3.62E-06	1.25YrCancerDerived_Inh_FAH16to70	3.62E-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
380	ALL		588032.5	4126655	3.48E-06	1.25YrCancerDerived_Inh_FAH16to70	3.48E-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
301	ALL		588012.5	4126575	3.06E-06	1.25YrCancerDerived_Inh_FAH16to70	3.06E-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
379	ALL		588012.5	4126655	3.02E-06	1.25YrCancerDerived_Inh_FAH16to70	3.02E-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
332	ALL		587992.5	4126615	2.85E-06	1.25YrCancerDerived_Inh_FAH16to70	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
354	ALL		587992.5	4126635	2.83E-06	1.25YrCancerDerived_Inh_FAH16to70	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
407	ALL		588072.5	4126675	2.73E-06	1.25YrCancerDerived_Inh_FAH16to70	2.73E-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
406	ALL		588052.5	4126675	2.71E-06	1.25YrCancerDerived_Inh_FAH16to70	2.71E-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
278	ALL		588032.5	4126535	2.69E-06	1.25YrCancerDerived_Inh_FAH16to70	2.69E-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
405	ALL		588032.5	4126675	2.59E-06	1.25YrCancerDerived_Inh_FAH16to70	2.59E-06	0.00E+00	0.00E+00	0.00E+00	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		588092.5	4126675	2.56E-06	1.25YrCancerDerived_Inh_FAH16to70	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
313	ALL		587992.5	4126595	2.56E-06	1.25YrCancerDerived_Inh_FAH16to70	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
378	ALL		587992.5	4126655	2.54E-06	1.25YrCancerDerived_Inh_FAH16to70	2.54E-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
409	ALL		588112.5	4126675	2.47E-06	1.25YrCancerDerived_Inh_FAH16to70	2.47E-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
404	ALL		588012.5	4126675	2.40E-06	1.25YrCancerDerived_Inh_FAH16to70	2.40E-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
289	ALL		588012.5	4126555	2.34E-06	1.25YrCancerDerived_Inh_FAH16to70	2.34E-06	0.00E+00	0.00E+00	0.00E+00	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		588332.5	4126415	2.32E-06	1.25YrCancerDerived_Inh_FAH16to70	2.32E-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
223	ALL		588352.5	4126435	2.28E-06	1.25YrCancerDerived_Inh_FAH16to70	2.28E-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
353	ALL		587972.5	4126635	2.19E-06	1.25YrCancerDerived_Inh_FAH16to70	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
410	ALL		588132.5	4126675	2.19E-06	1.25YrCancerDerived_Inh_FAH16to70	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
403	ALL		587992.5	4126675	2.15E-06	1.25YrCancerDerived_Inh_FAH16to70	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
381	ALL		588172.5	4126655	2.15E-06	1.25YrCancerDerived_Inh_FAH16to70	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
377	ALL		587972.5	4126655	2.10E-06	1.25YrCancerDerived_Inh_FAH16to70	2.10E-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
331	ALL		587972.5	4126615	2.10E-06	1.25YrCancerDerived_Inh_FAH16to70	2.10E-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
210	ALL		588352.5	4126415	2.09E-06	1.25YrCancerDerived_Inh_FAH16to70	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
300	ALL		587992.5	4126575	2.09E-06	1.25YrCancerDerived_Inh_FAH16to70	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
192	ALL		588292.5	4126395	2.04E-06	1.25YrCancerDerived_Inh_FAH16to70	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
193	ALL		588312.5	4126395	2.03E-06	1.25YrCancerDerived_Inh_FAH16to70	2.03E-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
437	ALL		588052.5	4126695	1.97E-06	1.25YrCancerDerived_Inh_FAH16to70	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
194	ALL		588332.5	4126395	1.95E-06	1.25YrCancerDerived_Inh_FAH16to70	1.95E-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
224	ALL		588372.5	4126435	1.95E-06	1.25YrCancerDerived_Inh_FAH16to70	1.95E-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
436	ALL		588032.5	4126695	1.94E-06	1.25YrCancerDerived_Inh_FAH16to70	1.94E-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
236	ALL		588372.5	4126455	1.94E-06	1.25YrCancerDerived_Inh_FAH16to70	1.94E-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
438	ALL		588072.5	4126695	1.93E-06	1.25YrCancerDerived_Inh_FAH16to70	1.93E-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
402	ALL		587972.5	4126675	1.88E-06	1.25YrCancerDerived_Inh_FAH16to70	1.88E-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
435	ALL		588012.5	4126695	1.87E-06	1.25YrCancerDerived_Inh_FAH16to70	1.87E-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
211	ALL		588372.5	4126415	1.86E-06	1.25YrCancerDerived_Inh_FAH16to70	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
411	ALL		588152.5	4126675	1.86E-06	1.25YrCancerDerived_Inh_FAH16to70	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
195	ALL		588352.5	4126395	1.84E-06	1.25YrCancerDerived_Inh_FAH16to70	1.84E-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
312	ALL		587972.5	4126595	1.83E-06	1.25YrCancerDerived_Inh_FAH16to70	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
277	ALL		588012.5	4126535	1.82E-06	1.25YrCancerDerived_Inh_FAH16to70	1.82E-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
358	ALL		588212.5	4126635	1.81E-06	1.25YrCancerDerived_Inh_FAH16to70	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
439	ALL		588092.5	4126695	1.77E-06	1.25YrCancerDerived_Inh_FAH16to70	1.77E-06	0.00E+00	0.00E+00	0.00E+00	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		587992.5	4126695	1.76E-06	1.25YrCancerDerived_Inh_FAH16to70	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
440	ALL		588112.5	4126695	1.76E-06	1.25YrCancerDerived_Inh_FAH16to70	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
376	ALL		587952.5	4126655	1.72E-06	1.25YrCancerDerived_Inh_FAH16to70	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
382	ALL		588192.5	4126655	1.71E-06	1.25YrCancerDerived_Inh_FAH16to70	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
352	ALL		587952.5	4126635	1.71E-06	1.25YrCancerDerived_Inh_FAH16to70	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
196	ALL		588372.5	4126395	1.69E-06	1.25YrCancerDerived_Inh_FAH16to70	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
225	ALL		588392.5	4126435	1.66E-06	1.25YrCancerDerived_Inh_FAH16to70	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
212	ALL		588392.5	4126415	1.64E-06	1.25YrCancerDerived_Inh_FAH16to70	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
288	ALL		587992.5	4126555	1.63E-06	1.25YrCancerDerived_Inh_FAH16to70	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
401	ALL		587952.5	4126675	1.61E-06	1.25YrCancerDerived_Inh_FAH16to70	1.61E-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
237	ALL		588392.5	4126455	1.61E-06	1.25YrCancerDerived_Inh_FAH16to70	1.61E-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
433	ALL		587972.5	4126695	1.61E-06	1.25YrCancerDerived_Inh_FAH16to70	1.61E-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
175	ALL		588312.5	4126375	1.60E-06	1.25YrCancerDerived_Inh_FAH16to70	1.60E-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
176	ALL		588332.5	4126375	1.60E-06	1.25YrCancerDerived_Inh_FAH16to70	1.60E-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
441	ALL		588132.5	4126695	1.58E-06	1.25YrCancerDerived_Inh_FAH16to70	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
330	ALL		587952.5	4126615	1.58E-06	1.25YrCancerDerived_Inh_FAH16to70	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
177	ALL		588352.5	4126375	1.56E-06	1.25YrCancerDerived_Inh_FAH16to70	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
174	ALL		588292.5	4126375	1.55E-06	1.25YrCancerDerived_Inh_FAH16to70	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
412	ALL		588172.5	4126675	1.55E-06	1.25YrCancerDerived_Inh_FAH16to70	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
197	ALL		588392.5	4126395	1.53E-06	1.25YrCancerDerived_Inh_FAH16to70	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
299	ALL		587972.5	4126575	1.49E-06	1.25YrCancerDerived_Inh_FAH16to70	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
467	ALL		588032.5	4126715	1.49E-06	1.25YrCancerDerived_Inh_FAH16to70	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
468	ALL		588052.5	4126715	1.48E-06	1.25YrCancerDerived_Inh_FAH16to70	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
178	ALL		588372.5	4126375	1.48E-06	1.25YrCancerDerived_Inh_FAH16to70	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
466	ALL		588012.5	4126715	1.47E-06	1.25YrCancerDerived_Inh_FAH16to70	1.47E-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
432	ALL		587952.5	4126695	1.44E-06	1.25YrCancerDerived_Inh_FAH16to70	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
213	ALL		588412.5	4126415	1.43E-06	1.25YrCancerDerived_Inh_FAH16to70	1.43E-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
465	ALL		587992.5	4126715	1.42E-06	1.25YrCancerDerived_Inh_FAH16to70	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
226	ALL		588412.5	4126435	1.42E-06	1.25YrCancerDerived_Inh_FAH16to70	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
359	ALL		588232.5	4126635	1.42E-06	1.25YrCancerDerived_Inh_FAH16to70	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
336	ALL		588252.5	4126615	1.41E-06	1.25YrCancerDerived_Inh_FAH16to70	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
375	ALL		587932.5	4126655	1.40E-06	1.25YrCancerDerived_Inh_FAH16to70	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
469	ALL		588072.5	4126715	1.40E-06	1.25YrCancerDerived_Inh_FAH16to70	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
470	ALL		588092.5	4126715	1.39E-06	1.25YrCancerDerived_Inh_FAH16to70	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
179	ALL		588392.5	4126375	1.39E-06	1.25YrCancerDerived_Inh_FAH16to70	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
198	ALL		588412.5	4126395	1.38E-06	1.25YrCancerDerived_Inh_FAH16to70	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
383	ALL		588212.5	4126655	1.37E-06	1.25YrCancerDerived_Inh_FAH16to70	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
400	ALL		587932.5	4126675	1.37E-06	1.25YrCancerDerived_Inh_FAH16to70	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
442	ALL		588152.5	4126695	1.37E-06	1.25YrCancerDerived_Inh_FAH16to70	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
311	ALL		587952.5	4126595	1.35E-06	1.25YrCancerDerived_Inh_FAH16to70	1.35E-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
351	ALL		587932.5	4126635	1.34E-06	1.25YrCancerDerived_Inh_FAH16to70	1.34E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0

413	ALL	588192.5	4126675	1.28E-06	1.25YrCancerDerived_Inh_FAH16to70	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
180	ALL	588412.5	4126375	1.28E-06	1.25YrCancerDerived_Inh_FAH16to70	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
431	ALL	587932.5	4126695	1.27E-06	1.25YrCancerDerived_Inh_FAH16to70	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
159	ALL	588372.5	4126355	1.27E-06	1.25YrCancerDerived_Inh_FAH16to70	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
156	ALL	588312.5	4126355	1.25E-06	1.25YrCancerDerived_Inh_FAH16to70	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
463	ALL	587952.5	4126715	1.25E-06	1.25YrCancerDerived_Inh_FAH16to70	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
160	ALL	588392.5	4126355	1.22E-06	1.25YrCancerDerived_Inh_FAH16to70	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
329	ALL	587932.5	4126615	1.21E-06	1.25YrCancerDerived_Inh_FAH16to70	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
287	ALL	587972.5	4126555	1.21E-06	1.25YrCancerDerived_Inh_FAH16to70	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
248	ALL	588412.5	4126475	1.20E-06	1.25YrCancerDerived_Inh_FAH16to70	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
472	ALL	588132.5	4126715	1.19E-06	1.25YrCancerDerived_Inh_FAH16to70	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
155	ALL	588292.5	4126355	1.18E-06	1.25YrCancerDerived_Inh_FAH16to70	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
498	ALL	588032.5	4126735	1.16E-06	1.25YrCancerDerived_Inh_FAH16to70	1.16E-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
443	ALL	588172.5	4126695	1.16E-06	1.25YrCancerDerived_Inh_FAH16to70	1.16E-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
497	ALL	588012.5	4126735	1.16E-06	1.25YrCancerDerived_Inh_FAH16to70	1.16E-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
161	ALL	588412.5	4126355	1.15E-06	1.25YrCancerDerived_Inh_FAH16to70	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
499	ALL	588052.5	4126735	1.15E-06	1.25YrCancerDerived_Inh_FAH16to70	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
399	ALL	587912.5	4126675	1.15E-06	1.25YrCancerDerived_Inh_FAH16to70	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
496	ALL	587992.5	4126735	1.14E-06	1.25YrCancerDerived_Inh_FAH16to70	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
374	ALL	587912.5	4126655	1.14E-06	1.25YrCancerDerived_Inh_FAH16to70	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
462	ALL	587932.5	4126715	1.14E-06	1.25YrCancerDerived_Inh_FAH16to70	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
360	ALL	588252.5	4126635	1.12E-06	1.25YrCancerDerived_Inh_FAH16to70	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
298	ALL	587952.5	4126575	1.11E-06	1.25YrCancerDerived_Inh_FAH16to70	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
495	ALL	587972.5	4126735	1.11E-06	1.25YrCancerDerived_Inh_FAH16to70	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
384	ALL	588232.5	4126655	1.11E-06	1.25YrCancerDerived_Inh_FAH16to70	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
337	ALL	588272.5	4126615	1.11E-06	1.25YrCancerDerived_Inh_FAH16to70	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
430	ALL	587912.5	4126695	1.11E-06	1.25YrCancerDerived_Inh_FAH16to70	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
500	ALL	588072.5	4126735	1.09E-06	1.25YrCancerDerived_Inh_FAH16to70	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
501	ALL	588092.5	4126735	1.08E-06	1.25YrCancerDerived_Inh_FAH16to70	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
350	ALL	587912.5	4126635	1.07E-06	1.25YrCancerDerived_Inh_FAH16to70	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
494	ALL	587952.5	4126735	1.07E-06	1.25YrCancerDerived_Inh_FAH16to70	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
138	ALL	588372.5	4126335	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
414	ALL	588212.5	4126675	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
137	ALL	588352.5	4126335	1.06E-06	1.25YrCancerDerived_Inh_FAH16to70	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
139	ALL	588392.5	4126335	1.05E-06	1.25YrCancerDerived_Inh_FAH16to70	1.05E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	588152.5	4126715	1.04E-06	1.25YrCancerDerived_Inh_FAH16to70	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
310	ALL	587932.5	4126595	1.04E-06	1.25YrCancerDerived_Inh_FAH16to70	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
136	ALL	588332.5	4126335	1.03E-06	1.25YrCancerDerived_Inh_FAH16to70	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
461	ALL	587912.5	4126715	1.02E-06	1.25YrCancerDerived_Inh_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	588412.5	4126335	1.02E-06	1.25YrCancerDerived_Inh_FAH16to70	1.02E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	588112.5	4126735	1.01E-06	1.25YrCancerDerived_Inh_FAH16to70	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
275	ALL	587972.5	4126535	9.95E-07	1.25YrCancerDerived_Inh_FAH16to70	9.95E-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
493	ALL	587932.5	4126735	9.95E-07	1.25YrCancerDerived_Inh_FAH16to70	9.95E-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
444	ALL	588192.5	4126695	9.89E-07	1.25YrCancerDerived_Inh_FAH16to70	9.89E-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
135	ALL	588312.5	4126335	9.76E-07	1.25YrCancerDerived_Inh_FAH16to70	9.76E-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
398	ALL	587892.5	4126675	9.67E-07	1.25YrCancerDerived_Inh_FAH16to70	9.67E-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
429	ALL	587892.5	4126695	9.54E-07	1.25YrCancerDerived_Inh_FAH16to70	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
328	ALL	587912.5	4126615	9.52E-07	1.25YrCancerDerived_Inh_FAH16to70	9.52E-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
373	ALL	587892.5	4126655	9.37E-07	1.25YrCancerDerived_Inh_FAH16to70	9.37E-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
528	ALL	588012.5	4126755	9.34E-07	1.25YrCancerDerived_Inh_FAH16to70	9.34E-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
527	ALL	587992.5	4126755	9.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
529	ALL	588032.5	4126755	9.28E-07	1.25YrCancerDerived_Inh_FAH16to70	9.28E-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
526	ALL	587972.5	4126755	9.23E-07	1.25YrCancerDerived_Inh_FAH16to70	9.23E-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
503	ALL	588132.5	4126735	9.21E-07	1.25YrCancerDerived_Inh_FAH16to70	9.21E-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
492	ALL	587912.5	4126735	9.18E-07	1.25YrCancerDerived_Inh_FAH16to70	9.18E-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
286	ALL	587952.5	4126555	9.13E-07	1.25YrCancerDerived_Inh_FAH16to70	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
385	ALL	588252.5	4126655	9.13E-07	1.25YrCancerDerived_Inh_FAH16to70	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
530	ALL	588052.5	4126755	9.12E-07	1.25YrCancerDerived_Inh_FAH16to70	9.12E-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
134	ALL	588292.5	4126335	9.09E-07	1.25YrCancerDerived_Inh_FAH16to70	9.09E-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
361	ALL	588272.5	4126635	9.08E-07	1.25YrCancerDerived_Inh_FAH16to70	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
474	ALL	588172.5	4126715	9.07E-07	1.25YrCancerDerived_Inh_FAH16to70	9.07E-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
460	ALL	587892.5	4126715	9.05E-07	1.25YrCancerDerived_Inh_FAH16to70	9.05E-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
525	ALL	587952.5	4126755	9.00E-07	1.25YrCancerDerived_Inh_FAH16to70	9.00E-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
338	ALL	588292.5	4126615	8.91E-07	1.25YrCancerDerived_Inh_FAH16to70	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
415	ALL	588232.5	4126675	8.88E-07	1.25YrCancerDerived_Inh_FAH16to70	8.88E-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
317	ALL	588312.5	4126595	8.87E-07	1.25YrCancerDerived_Inh_FAH16to70	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
116	ALL	588392.5	4126315	8.86E-07	1.25YrCancerDerived_Inh_FAH16to70	8.86E-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
531	ALL	588072.5	4126755	8.84E-07	1.25YrCancerDerived_Inh_FAH16to70	8.84E-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
115	ALL	588372.5	4126315	8.79E-07	1.25YrCancerDerived_Inh_FAH16to70	8.79E-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
117	ALL	588412.5	4126315	8.78E-07	1.25YrCancerDerived_Inh_FAH16to70	8.78E-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
349	ALL	587892.5	4126635	8.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
297	ALL	587932.5	4126575	8.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
524	ALL	587932.5	4126755	8.58E-07	1.25YrCancerDerived_Inh_FAH16to70	8.58E-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
114	ALL	588352.5	4126315	8.56E-07	1.25YrCancerDerived_Inh_FAH16to70	8.56E-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
445	ALL	588212.5	4126695	8.40E-07	1.25YrCancerDerived_Inh_FAH16to70	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
532	ALL	588092.5	4126755	8.38E-07	1.25YrCancerDerived_Inh_FAH16to70	8.38E-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
491	ALL	587892.5	4126735	8.35E-07	1.25YrCancerDerived_Inh_FAH16to70	8.35E-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
266	ALL	587972.5	4126515	8.31E-07	1.25YrCancerDerived_Inh_FAH16to70	8.31E-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
133	ALL	588272.5	4126335	8.28E-07	1.25YrCancerDerived_Inh_FAH16to70	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
428	ALL	587872.5	4126695	8.24E-07	1.25YrCancerDerived_Inh_FAH16to70	8.24E-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
504	ALL	588152.5	4126735	8.21E-07	1.25YrCancerDerived_Inh_FAH16to70	8.21E-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
113	ALL	588332.5	4126315	8.18E-07	1.25YrCancerDerived_Inh_FAH16to70	8.18E-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
397	ALL	587872.5	4126675	8.17E-07	1.25YrCancerDerived_Inh_FAH16to70	8.17E-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
309	ALL	587912.5	4126595	8.15E-07	1.25YrCancerDerived_Inh_FAH16to70	8.15E-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
523	ALL	587912.5	4126755	8.11E-07	1.25YrCancerDerived_Inh_FAH16to70	8.11E-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
459	ALL	587872.5	4126715	8.02E-07	1.25YrCancerDerived_Inh_FAH16to70	8.02E-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
533	ALL	588112.5	4126755	8.00E-07	1.25YrCancerDerived_Inh_FAH16to70	8.00E-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
475	ALL	588192.5	4126715	7.85E-07	1.25YrCancerDerived_Inh_FAH16to70	7.85E-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
274	ALL	587952.5	4126535	7.79E-07	1.25YrCancerDerived_Inh_FAH16to70	7.79E-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
372	ALL	587872.5	4126655	7.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
557	ALL	587972.5	4126775	7.68E-07	1.25YrCancerDerived_Inh_FAH16to70	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
112	ALL	588312.5	4126315	7.67E-07	1.25YrCancerDerived_Inh_FAH16to70	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
558	ALL	587992.5	4126775	7.65E-07	1.25YrCancerDerived_Inh_FAH16to70	7.65E-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
327	ALL	587892.5	4126615	7.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
559	ALL	588012.5	4126775	7.60E-07	1.25YrCancerDerived_Inh_FAH16to70	7.60E-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
490	ALL	587872.5	4126735	7.60E-07	1.25YrCancerDerived_Inh_FAH16to70	7.60E-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
556	ALL	587952.5	4126775	7.59E-07	1.25YrCancerDerived_Inh_FAH16to70	7.59E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

555	ALL	587932.5	4126775	7.37E-07	1.25YrCancerDerived_Inh_FAH16to70	7.37E-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
534	ALL	588132.5	4126755	7.36E-07	1.25YrCancerDerived_Inh_FAH16to70	7.36E-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
339	ALL	588312.5	4126615	7.31E-07	1.25YrCancerDerived_Inh_FAH16to70	7.31E-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
318	ALL	588332.5	4126595	7.27E-07	1.25YrCancerDerived_Inh_FAH16to70	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
505	ALL	588172.5	4126735	7.26E-07	1.25YrCancerDerived_Inh_FAH16to70	7.26E-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
88	ALL	588372.5	4126295	7.24E-07	1.25YrCancerDerived_Inh_FAH16to70	7.24E-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
285	ALL	587932.5	4126555	7.22E-07	1.25YrCancerDerived_Inh_FAH16to70	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
446	ALL	588232.5	4126695	7.20E-07	1.25YrCancerDerived_Inh_FAH16to70	7.20E-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
562	ALL	588072.5	4126775	7.18E-07	1.25YrCancerDerived_Inh_FAH16to70	7.18E-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
427	ALL	587852.5	4126695	7.12E-07	1.25YrCancerDerived_Inh_FAH16to70	7.12E-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
554	ALL	587912.5	4126775	7.10E-07	1.25YrCancerDerived_Inh_FAH16to70	7.10E-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
458	ALL	587852.5	4126715	7.08E-07	1.25YrCancerDerived_Inh_FAH16to70	7.08E-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
111	ALL	588292.5	4126315	7.08E-07	1.25YrCancerDerived_Inh_FAH16to70	7.08E-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
348	ALL	587872.5	4126635	7.06E-07	1.25YrCancerDerived_Inh_FAH16to70	7.06E-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
257	ALL	587972.5	4126495	7.05E-07	1.25YrCancerDerived_Inh_FAH16to70	7.05E-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
521	ALL	587872.5	4126755	7.03E-07	1.25YrCancerDerived_Inh_FAH16to70	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
87	ALL	588352.5	4126295	6.94E-07	1.25YrCancerDerived_Inh_FAH16to70	6.94E-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
396	ALL	587852.5	4126675	6.91E-07	1.25YrCancerDerived_Inh_FAH16to70	6.91E-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
296	ALL	587912.5	4126575	6.89E-07	1.25YrCancerDerived_Inh_FAH16to70	6.89E-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
489	ALL	587852.5	4126735	6.85E-07	1.25YrCancerDerived_Inh_FAH16to70	6.85E-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
476	ALL	588212.5	4126715	6.80E-07	1.25YrCancerDerived_Inh_FAH16to70	6.80E-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
553	ALL	587892.5	4126775	6.74E-07	1.25YrCancerDerived_Inh_FAH16to70	6.74E-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
265	ALL	587952.5	4126515	6.71E-07	1.25YrCancerDerived_Inh_FAH16to70	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
563	ALL	588092.5	4126775	6.66E-07	1.25YrCancerDerived_Inh_FAH16to70	6.66E-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
535	ALL	588152.5	4126755	6.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
308	ALL	587892.5	4126595	6.56E-07	1.25YrCancerDerived_Inh_FAH16to70	6.56E-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
86	ALL	588332.5	4126295	6.56E-07	1.25YrCancerDerived_Inh_FAH16to70	6.56E-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
564	ALL	588112.5	4126775	6.49E-07	1.25YrCancerDerived_Inh_FAH16to70	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
371	ALL	587852.5	4126655	6.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
520	ALL	587852.5	4126755	6.46E-07	1.25YrCancerDerived_Inh_FAH16to70	6.46E-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
110	ALL	588272.5	4126315	6.40E-07	1.25YrCancerDerived_Inh_FAH16to70	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
552	ALL	587872.5	4126775	6.40E-07	1.25YrCancerDerived_Inh_FAH16to70	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
588	ALL	587972.5	4126795	6.38E-07	1.25YrCancerDerived_Inh_FAH16to70	6.38E-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
506	ALL	588192.5	4126735	6.37E-07	1.25YrCancerDerived_Inh_FAH16to70	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
587	ALL	587952.5	4126795	6.37E-07	1.25YrCancerDerived_Inh_FAH16to70	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
387	ALL	588292.5	4126655	6.36E-07	1.25YrCancerDerived_Inh_FAH16to70	6.36E-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
417	ALL	588272.5	4126675	6.35E-07	1.25YrCancerDerived_Inh_FAH16to70	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
62	ALL	588412.5	4126275	6.35E-07	1.25YrCancerDerived_Inh_FAH16to70	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
589	ALL	587992.5	4126795	6.34E-07	1.25YrCancerDerived_Inh_FAH16to70	6.34E-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
586	ALL	587932.5	4126795	6.31E-07	1.25YrCancerDerived_Inh_FAH16to70	6.31E-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
590	ALL	588012.5	4126795	6.29E-07	1.25YrCancerDerived_Inh_FAH16to70	6.29E-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
363	ALL	588312.5	4126635	6.23E-07	1.25YrCancerDerived_Inh_FAH16to70	6.23E-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
457	ALL	587832.5	4126715	6.23E-07	1.25YrCancerDerived_Inh_FAH16to70	6.23E-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
326	ALL	587872.5	4126615	6.22E-07	1.25YrCancerDerived_Inh_FAH16to70	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
591	ALL	588032.5	4126795	6.22E-07	1.25YrCancerDerived_Inh_FAH16to70	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
61	ALL	588392.5	4126275	6.20E-07	1.25YrCancerDerived_Inh_FAH16to70	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
273	ALL	587932.5	4126535	6.19E-07	1.25YrCancerDerived_Inh_FAH16to70	6.19E-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
447	ALL	588252.5	4126695	6.19E-07	1.25YrCancerDerived_Inh_FAH16to70	6.19E-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
585	ALL	587912.5	4126795	6.17E-07	1.25YrCancerDerived_Inh_FAH16to70	6.17E-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
426	ALL	587832.5	4126695	6.15E-07	1.25YrCancerDerived_Inh_FAH16to70	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
488	ALL	587832.5	4126735	6.14E-07	1.25YrCancerDerived_Inh_FAH16to70	6.14E-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
85	ALL	588312.5	4126295	6.10E-07	1.25YrCancerDerived_Inh_FAH16to70	6.10E-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
340	ALL	588332.5	4126615	6.09E-07	1.25YrCancerDerived_Inh_FAH16to70	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
592	ALL	588052.5	4126795	6.09E-07	1.25YrCancerDerived_Inh_FAH16to70	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
319	ALL	588352.5	4126595	6.08E-07	1.25YrCancerDerived_Inh_FAH16to70	6.08E-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
247	ALL	587972.5	4126475	6.03E-07	1.25YrCancerDerived_Inh_FAH16to70	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
565	ALL	588132.5	4126775	6.01E-07	1.25YrCancerDerived_Inh_FAH16to70	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
551	ALL	587852.5	4126775	5.98E-07	1.25YrCancerDerived_Inh_FAH16to70	5.98E-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
584	ALL	587892.5	4126795	5.96E-07	1.25YrCancerDerived_Inh_FAH16to70	5.96E-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
60	ALL	588372.5	4126275	5.96E-07	1.25YrCancerDerived_Inh_FAH16to70	5.96E-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
536	ALL	588172.5	4126755	5.93E-07	1.25YrCancerDerived_Inh_FAH16to70	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
477	ALL	588232.5	4126715	5.92E-07	1.25YrCancerDerived_Inh_FAH16to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
593	ALL	588072.5	4126795	5.92E-07	1.25YrCancerDerived_Inh_FAH16to70	5.92E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	587832.5	4126755	5.88E-07	1.25YrCancerDerived_Inh_FAH16to70	5.88E-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
284	ALL	587912.5	4126555	5.88E-07	1.25YrCancerDerived_Inh_FAH16to70	5.88E-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
395	ALL	587832.5	4126675	5.88E-07	1.25YrCancerDerived_Inh_FAH16to70	5.88E-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
347	ALL	587852.5	4126635	5.85E-07	1.25YrCancerDerived_Inh_FAH16to70	5.85E-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
256	ALL	587952.5	4126495	5.77E-07	1.25YrCancerDerived_Inh_FAH16to70	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
583	ALL	587872.5	4126795	5.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
109	ALL	588252.5	4126315	5.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
594	ALL	588092.5	4126795	5.67E-07	1.25YrCancerDerived_Inh_FAH16to70	5.67E-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
59	ALL	588352.5	4126275	5.66E-07	1.25YrCancerDerived_Inh_FAH16to70	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
295	ALL	587892.5	4126575	5.61E-07	1.25YrCancerDerived_Inh_FAH16to70	5.61E-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
507	ALL	588212.5	4126735	5.60E-07	1.25YrCancerDerived_Inh_FAH16to70	5.60E-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
84	ALL	588292.5	4126295	5.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
550	ALL	587832.5	4126775	5.54E-07	1.25YrCancerDerived_Inh_FAH16to70	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
582	ALL	587852.5	4126795	5.47E-07	1.25YrCancerDerived_Inh_FAH16to70	5.47E-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
487	ALL	587812.5	4126735	5.46E-07	1.25YrCancerDerived_Inh_FAH16to70	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
456	ALL	587812.5	4126715	5.46E-07	1.25YrCancerDerived_Inh_FAH16to70	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	588152.5	4126775	5.46E-07	1.25YrCancerDerived_Inh_FAH16to70	5.46E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	587832.5	4126655	5.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
418	ALL	588292.5	4126675	5.44E-07	1.25YrCancerDerived_Inh_FAH16to70	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
264	ALL	587932.5	4126515	5.44E-07	1.25YrCancerDerived_Inh_FAH16to70	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
618	ALL	587952.5	4126815	5.43E-07	1.25YrCancerDerived_Inh_FAH16to70	5.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	587932.5	4126815	5.42E-07	1.25YrCancerDerived_Inh_FAH16to70	5.42E-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
388	ALL	588312.5	4126655	5.40E-07	1.25YrCancerDerived_Inh_FAH16to70	5.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	587972.5	4126815	5.39E-07	1.25YrCancerDerived_Inh_FAH16to70	5.39E-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
307	ALL	587872.5	4126595	5.38E-07	1.25YrCancerDerived_Inh_FAH16to70	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
448	ALL	588272.5	4126695	5.37E-07	1.25YrCancerDerived_Inh_FAH16to70	5.37E-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
616	ALL	587912.5	4126815	5.36E-07	1.25YrCancerDerived_Inh_FAH16to70	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
31	ALL	588412.5	4126255	5.36E-07	1.25YrCancerDerived_Inh_FAH16to70	5.36E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	587812.5	4126755	5.34E-07	1.25YrCancerDerived_Inh_FAH16to70	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
620	ALL	587992.5	4126815	5.33E-07	1.25YrCancerDerived_Inh_FAH16to70	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
425	ALL	587812.5	4126695	5.32E-07	1.25YrCancerDerived_Inh_FAH16to70	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
595	ALL	588112.5	4126795	5.32E-07	1.25YrCancerDerived_Inh_FAH16to70	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
58	ALL	588332.5	4126275	5.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
621	ALL	588012.5	4126815	5.27E-07	1.25YrCancerDerived_Inh_FAH16to70	5.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

235	ALL	587972.5	4126455	5.15E-07	1.25YrCancerDerived_Inh_FAH16to70	5.15E-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
341	ALL	588352.5	4126615	5.14E-07	1.25YrCancerDerived_Inh_FAH16to70	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
108	ALL	588232.5	4126315	5.14E-07	1.25YrCancerDerived_Inh_FAH16to70	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
581	ALL	587832.5	4126795	5.14E-07	1.25YrCancerDerived_Inh_FAH16to70	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
614	ALL	587872.5	4126815	5.13E-07	1.25YrCancerDerived_Inh_FAH16to70	5.13E-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
549	ALL	587812.5	4126775	5.10E-07	1.25YrCancerDerived_Inh_FAH16to70	5.10E-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
623	ALL	588052.5	4126815	5.10E-07	1.25YrCancerDerived_Inh_FAH16to70	5.10E-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
272	ALL	587912.5	4126535	5.08E-07	1.25YrCancerDerived_Inh_FAH16to70	5.08E-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
83	ALL	588272.5	4126295	5.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
394	ALL	587812.5	4126675	5.03E-07	1.25YrCancerDerived_Inh_FAH16to70	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
596	ALL	588132.5	4126795	4.99E-07	1.25YrCancerDerived_Inh_FAH16to70	4.99E-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
246	ALL	587952.5	4126475	4.99E-07	1.25YrCancerDerived_Inh_FAH16to70	4.99E-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
624	ALL	588072.5	4126815	4.95E-07	1.25YrCancerDerived_Inh_FAH16to70	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
508	ALL	588232.5	4126735	4.95E-07	1.25YrCancerDerived_Inh_FAH16to70	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
613	ALL	587852.5	4126815	4.94E-07	1.25YrCancerDerived_Inh_FAH16to70	4.94E-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
567	ALL	588172.5	4126775	4.93E-07	1.25YrCancerDerived_Inh_FAH16to70	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
29	ALL	588372.5	4126255	4.91E-07	1.25YrCancerDerived_Inh_FAH16to70	4.91E-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
346	ALL	587832.5	4126635	4.90E-07	1.25YrCancerDerived_Inh_FAH16to70	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
57	ALL	588312.5	4126275	4.87E-07	1.25YrCancerDerived_Inh_FAH16to70	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
283	ALL	587892.5	4126555	4.84E-07	1.25YrCancerDerived_Inh_FAH16to70	4.84E-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
255	ALL	587932.5	4126495	4.81E-07	1.25YrCancerDerived_Inh_FAH16to70	4.81E-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
580	ALL	587812.5	4126795	4.80E-07	1.25YrCancerDerived_Inh_FAH16to70	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
625	ALL	588092.5	4126815	4.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
612	ALL	587832.5	4126815	4.72E-07	1.25YrCancerDerived_Inh_FAH16to70	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
419	ALL	588312.5	4126675	4.70E-07	1.25YrCancerDerived_Inh_FAH16to70	4.70E-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
538	ALL	588212.5	4126755	4.69E-07	1.25YrCancerDerived_Inh_FAH16to70	4.69E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	588292.5	4126695	4.68E-07	1.25YrCancerDerived_Inh_FAH16to70	4.68E-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
648	ALL	587932.5	4126835	4.65E-07	1.25YrCancerDerived_Inh_FAH16to70	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
294	ALL	587872.5	4126575	4.65E-07	1.25YrCancerDerived_Inh_FAH16to70	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
647	ALL	587912.5	4126835	4.65E-07	1.25YrCancerDerived_Inh_FAH16to70	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
28	ALL	588352.5	4126255	4.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
649	ALL	587952.5	4126835	4.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
369	ALL	587812.5	4126655	4.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
389	ALL	588332.5	4126655	4.62E-07	1.25YrCancerDerived_Inh_FAH16to70	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
646	ALL	587892.5	4126835	4.61E-07	1.25YrCancerDerived_Inh_FAH16to70	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
650	ALL	587972.5	4126835	4.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
479	ALL	588272.5	4126715	4.57E-07	1.25YrCancerDerived_Inh_FAH16to70	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
597	ALL	588152.5	4126795	4.57E-07	1.25YrCancerDerived_Inh_FAH16to70	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
82	ALL	588252.5	4126295	4.55E-07	1.25YrCancerDerived_Inh_FAH16to70	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
645	ALL	587872.5	4126835	4.54E-07	1.25YrCancerDerived_Inh_FAH16to70	4.54E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	587992.5	4126835	4.53E-07	1.25YrCancerDerived_Inh_FAH16to70	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
263	ALL	587912.5	4126515	4.50E-07	1.25YrCancerDerived_Inh_FAH16to70	4.50E-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
306	ALL	587852.5	4126595	4.49E-07	1.25YrCancerDerived_Inh_FAH16to70	4.49E-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
365	ALL	588352.5	4126635	4.49E-07	1.25YrCancerDerived_Inh_FAH16to70	4.49E-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
652	ALL	588012.5	4126835	4.48E-07	1.25YrCancerDerived_Inh_FAH16to70	4.48E-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
611	ALL	587812.5	4126815	4.46E-07	1.25YrCancerDerived_Inh_FAH16to70	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
56	ALL	588292.5	4126275	4.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
644	ALL	587852.5	4126835	4.43E-07	1.25YrCancerDerived_Inh_FAH16to70	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	588032.5	4126835	4.43E-07	1.25YrCancerDerived_Inh_FAH16to70	4.43E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	588192.5	4126775	4.42E-07	1.25YrCancerDerived_Inh_FAH16to70	4.42E-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
321	ALL	588392.5	4126595	4.42E-07	1.25YrCancerDerived_Inh_FAH16to70	4.42E-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
342	ALL	588372.5	4126615	4.42E-07	1.25YrCancerDerived_Inh_FAH16to70	4.42E-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
222	ALL	587972.5	4126435	4.41E-07	1.25YrCancerDerived_Inh_FAH16to70	4.41E-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
626	ALL	588112.5	4126815	4.40E-07	1.25YrCancerDerived_Inh_FAH16to70	4.40E-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
509	ALL	588252.5	4126735	4.39E-07	1.25YrCancerDerived_Inh_FAH16to70	4.39E-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
324	ALL	587832.5	4126615	4.33E-07	1.25YrCancerDerived_Inh_FAH16to70	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
654	ALL	588052.5	4126835	4.32E-07	1.25YrCancerDerived_Inh_FAH16to70	4.32E-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
234	ALL	587952.5	4126455	4.30E-07	1.25YrCancerDerived_Inh_FAH16to70	4.30E-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
27	ALL	588332.5	4126255	4.30E-07	1.25YrCancerDerived_Inh_FAH16to70	4.30E-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
643	ALL	587832.5	4126835	4.28E-07	1.25YrCancerDerived_Inh_FAH16to70	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
271	ALL	587892.5	4126535	4.26E-07	1.25YrCancerDerived_Inh_FAH16to70	4.26E-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
208	ALL	587992.5	4126415	4.23E-07	1.25YrCancerDerived_Inh_FAH16to70	4.23E-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
245	ALL	587932.5	4126475	4.21E-07	1.25YrCancerDerived_Inh_FAH16to70	4.21E-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
627	ALL	588132.5	4126815	4.21E-07	1.25YrCancerDerived_Inh_FAH16to70	4.21E-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
655	ALL	588072.5	4126835	4.20E-07	1.25YrCancerDerived_Inh_FAH16to70	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
539	ALL	588232.5	4126755	4.19E-07	1.25YrCancerDerived_Inh_FAH16to70	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
345	ALL	587812.5	4126635	4.16E-07	1.25YrCancerDerived_Inh_FAH16to70	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
598	ALL	588172.5	4126795	4.16E-07	1.25YrCancerDerived_Inh_FAH16to70	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
642	ALL	587812.5	4126835	4.10E-07	1.25YrCancerDerived_Inh_FAH16to70	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
450	ALL	588312.5	4126695	4.10E-07	1.25YrCancerDerived_Inh_FAH16to70	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
677	ALL	587892.5	4126855	4.08E-07	1.25YrCancerDerived_Inh_FAH16to70	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
678	ALL	587912.5	4126855	4.08E-07	1.25YrCancerDerived_Inh_FAH16to70	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
420	ALL	588332.5	4126675	4.07E-07	1.25YrCancerDerived_Inh_FAH16to70	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
81	ALL	588232.5	4126295	4.07E-07	1.25YrCancerDerived_Inh_FAH16to70	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
55	ALL	588272.5	4126275	4.07E-07	1.25YrCancerDerived_Inh_FAH16to70	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
191	ALL	588012.5	4126395	4.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
282	ALL	587872.5	4126555	4.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
679	ALL	587932.5	4126855	4.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
676	ALL	587872.5	4126855	4.04E-07	1.25YrCancerDerived_Inh_FAH16to70	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
480	ALL	588292.5	4126715	4.04E-07	1.25YrCancerDerived_Inh_FAH16to70	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
656	ALL	588092.5	4126835	4.03E-07	1.25YrCancerDerived_Inh_FAH16to70	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
680	ALL	587952.5	4126855	4.02E-07	1.25YrCancerDerived_Inh_FAH16to70	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
254	ALL	587912.5	4126495	4.00E-07	1.25YrCancerDerived_Inh_FAH16to70	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
390	ALL	588352.5	4126655	3.98E-07	1.25YrCancerDerived_Inh_FAH16to70	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
681	ALL	587972.5	4126855	3.98E-07	1.25YrCancerDerived_Inh_FAH16to70	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
675	ALL	587852.5	4126855	3.98E-07	1.25YrCancerDerived_Inh_FAH16to70	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
569	ALL	588212.5	4126775	3.97E-07	1.25YrCancerDerived_Inh_FAH16to70	3.97E-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
26	ALL	588312.5	4126255	3.96E-07	1.25YrCancerDerived_Inh_FAH16to70	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
293	ALL	587852.5	4126575	3.93E-07	1.25YrCancerDerived_Inh_FAH16to70	3.93E-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
510	ALL	588272.5	4126735	3.92E-07	1.25YrCancerDerived_Inh_FAH16to70	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
682	ALL	587992.5	4126855	3.91E-07	1.25YrCancerDerived_Inh_FAH16to70	3.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	587832.5	4126855	3.89E-07	1.25YrCancerDerived_Inh_FAH16to70	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
628	ALL	588152.5	4126815	3.88E-07	1.25YrCancerDerived_Inh_FAH16to70	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
366	ALL	588372.5	4126635	3.87E-07	1.25YrCancerDerived_Inh_FAH16to70	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
683	ALL	588012.5	4126855	3.85E-07	1.25YrCancerDerived_Inh_FAH16to70	3.85E-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
322	ALL	588412.5	4126595	3.83E-07	1.25YrCancerDerived_Inh_FAH16to70	3.83E-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
343	ALL	588392.5	4126615	3.82E-07	1.25YrCancerDerived_Inh_FAH16to70	3.82E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

599	ALL	588192.5	4126795	3.76E-07	1.25YrCancerDerived_Inh_FAH16to70	3.76E-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
540	ALL	588252.5	4126755	3.75E-07	1.25YrCancerDerived_Inh_FAH16to70	3.75E-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
207	ALL	587972.5	4126415	3.71E-07	1.25YrCancerDerived_Inh_FAH16to70	3.71E-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
685	ALL	588052.5	4126855	3.71E-07	1.25YrCancerDerived_Inh_FAH16to70	3.71E-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
323	ALL	587812.5	4126615	3.68E-07	1.25YrCancerDerived_Inh_FAH16to70	3.68E-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
233	ALL	587932.5	4126455	3.68E-07	1.25YrCancerDerived_Inh_FAH16to70	3.68E-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
54	ALL	588252.5	4126275	3.67E-07	1.25YrCancerDerived_Inh_FAH16to70	3.67E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	588292.5	4126255	3.61E-07	1.25YrCancerDerived_Inh_FAH16to70	3.61E-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
686	ALL	588072.5	4126855	3.60E-07	1.25YrCancerDerived_Inh_FAH16to70	3.60E-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
451	ALL	588332.5	4126695	3.60E-07	1.25YrCancerDerived_Inh_FAH16to70	3.60E-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
270	ALL	587872.5	4126535	3.60E-07	1.25YrCancerDerived_Inh_FAH16to70	3.60E-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
658	ALL	588132.5	4126835	3.60E-07	1.25YrCancerDerived_Inh_FAH16to70	3.60E-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
190	ALL	587992.5	4126395	3.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
244	ALL	587912.5	4126475	3.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
570	ALL	588232.5	4126775	3.58E-07	1.25YrCancerDerived_Inh_FAH16to70	3.58E-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
481	ALL	588312.5	4126715	3.58E-07	1.25YrCancerDerived_Inh_FAH16to70	3.58E-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
421	ALL	588352.5	4126675	3.56E-07	1.25YrCancerDerived_Inh_FAH16to70	3.56E-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
629	ALL	588172.5	4126815	3.55E-07	1.25YrCancerDerived_Inh_FAH16to70	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
511	ALL	588292.5	4126735	3.50E-07	1.25YrCancerDerived_Inh_FAH16to70	3.50E-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
391	ALL	588372.5	4126655	3.48E-07	1.25YrCancerDerived_Inh_FAH16to70	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
281	ALL	587852.5	4126555	3.48E-07	1.25YrCancerDerived_Inh_FAH16to70	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
153	ALL	588052.5	4126355	3.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
687	ALL	588092.5	4126855	3.46E-07	1.25YrCancerDerived_Inh_FAH16to70	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
172	ALL	588012.5	4126375	3.41E-07	1.25YrCancerDerived_Inh_FAH16to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	588212.5	4126795	3.41E-07	1.25YrCancerDerived_Inh_FAH16to70	3.41E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	587892.5	4126495	3.40E-07	1.25YrCancerDerived_Inh_FAH16to70	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
132	ALL	588092.5	4126335	3.40E-07	1.25YrCancerDerived_Inh_FAH16to70	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
367	ALL	588392.5	4126635	3.38E-07	1.25YrCancerDerived_Inh_FAH16to70	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
541	ALL	588272.5	4126755	3.38E-07	1.25YrCancerDerived_Inh_FAH16to70	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
292	ALL	587832.5	4126575	3.35E-07	1.25YrCancerDerived_Inh_FAH16to70	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
659	ALL	588152.5	4126835	3.34E-07	1.25YrCancerDerived_Inh_FAH16to70	3.34E-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
344	ALL	588412.5	4126615	3.33E-07	1.25YrCancerDerived_Inh_FAH16to70	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
53	ALL	588232.5	4126275	3.32E-07	1.25YrCancerDerived_Inh_FAH16to70	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
206	ALL	587952.5	4126415	3.32E-07	1.25YrCancerDerived_Inh_FAH16to70	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
24	ALL	588272.5	4126255	3.30E-07	1.25YrCancerDerived_Inh_FAH16to70	3.30E-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
688	ALL	588112.5	4126855	3.30E-07	1.25YrCancerDerived_Inh_FAH16to70	3.30E-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
304	ALL	587812.5	4126595	3.25E-07	1.25YrCancerDerived_Inh_FAH16to70	3.25E-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
630	ALL	588192.5	4126815	3.24E-07	1.25YrCancerDerived_Inh_FAH16to70	3.24E-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
571	ALL	588252.5	4126775	3.24E-07	1.25YrCancerDerived_Inh_FAH16to70	3.24E-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
261	ALL	587872.5	4126515	3.24E-07	1.25YrCancerDerived_Inh_FAH16to70	3.24E-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
220	ALL	587932.5	4126435	3.23E-07	1.25YrCancerDerived_Inh_FAH16to70	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
107	ALL	588132.5	4126315	3.23E-07	1.25YrCancerDerived_Inh_FAH16to70	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
152	ALL	588032.5	4126355	3.20E-07	1.25YrCancerDerived_Inh_FAH16to70	3.20E-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
232	ALL	587912.5	4126455	3.19E-07	1.25YrCancerDerived_Inh_FAH16to70	3.19E-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
482	ALL	588332.5	4126715	3.19E-07	1.25YrCancerDerived_Inh_FAH16to70	3.19E-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
452	ALL	588352.5	4126695	3.19E-07	1.25YrCancerDerived_Inh_FAH16to70	3.19E-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
189	ALL	587972.5	4126395	3.18E-07	1.25YrCancerDerived_Inh_FAH16to70	3.18E-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
131	ALL	588072.5	4126335	3.16E-07	1.25YrCancerDerived_Inh_FAH16to70	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
512	ALL	588312.5	4126735	3.14E-07	1.25YrCancerDerived_Inh_FAH16to70	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
422	ALL	588372.5	4126675	3.14E-07	1.25YrCancerDerived_Inh_FAH16to70	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
601	ALL	588232.5	4126795	3.10E-07	1.25YrCancerDerived_Inh_FAH16to70	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
269	ALL	587852.5	4126535	3.10E-07	1.25YrCancerDerived_Inh_FAH16to70	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
689	ALL	588132.5	4126855	3.09E-07	1.25YrCancerDerived_Inh_FAH16to70	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
171	ALL	587992.5	4126375	3.09E-07	1.25YrCancerDerived_Inh_FAH16to70	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
660	ALL	588172.5	4126835	3.07E-07	1.25YrCancerDerived_Inh_FAH16to70	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
243	ALL	587892.5	4126475	3.07E-07	1.25YrCancerDerived_Inh_FAH16to70	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
392	ALL	588392.5	4126655	3.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
542	ALL	588292.5	4126755	3.05E-07	1.25YrCancerDerived_Inh_FAH16to70	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
106	ALL	588112.5	4126315	3.04E-07	1.25YrCancerDerived_Inh_FAH16to70	3.04E-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
23	ALL	588252.5	4126255	3.04E-07	1.25YrCancerDerived_Inh_FAH16to70	3.04E-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
52	ALL	588212.5	4126275	3.03E-07	1.25YrCancerDerived_Inh_FAH16to70	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
280	ALL	587832.5	4126555	2.98E-07	1.25YrCancerDerived_Inh_FAH16to70	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
368	ALL	588412.5	4126635	2.98E-07	1.25YrCancerDerived_Inh_FAH16to70	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
631	ALL	588212.5	4126815	2.96E-07	1.25YrCancerDerived_Inh_FAH16to70	2.96E-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
130	ALL	588052.5	4126335	2.95E-07	1.25YrCancerDerived_Inh_FAH16to70	2.95E-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
572	ALL	588272.5	4126775	2.94E-07	1.25YrCancerDerived_Inh_FAH16to70	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
252	ALL	587872.5	4126495	2.93E-07	1.25YrCancerDerived_Inh_FAH16to70	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
151	ALL	588012.5	4126355	2.92E-07	1.25YrCancerDerived_Inh_FAH16to70	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
205	ALL	587932.5	4126415	2.91E-07	1.25YrCancerDerived_Inh_FAH16to70	2.91E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	588152.5	4126855	2.90E-07	1.25YrCancerDerived_Inh_FAH16to70	2.90E-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
291	ALL	587812.5	4126575	2.89E-07	1.25YrCancerDerived_Inh_FAH16to70	2.89E-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
80	ALL	588152.5	4126295	2.89E-07	1.25YrCancerDerived_Inh_FAH16to70	2.89E-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
483	ALL	588352.5	4126715	2.85E-07	1.25YrCancerDerived_Inh_FAH16to70	2.85E-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
105	ALL	588092.5	4126315	2.83E-07	1.25YrCancerDerived_Inh_FAH16to70	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
453	ALL	588372.5	4126695	2.83E-07	1.25YrCancerDerived_Inh_FAH16to70	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
602	ALL	588252.5	4126795	2.83E-07	1.25YrCancerDerived_Inh_FAH16to70	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
513	ALL	588332.5	4126735	2.83E-07	1.25YrCancerDerived_Inh_FAH16to70	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
219	ALL	587912.5	4126435	2.82E-07	1.25YrCancerDerived_Inh_FAH16to70	2.82E-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
661	ALL	588192.5	4126835	2.82E-07	1.25YrCancerDerived_Inh_FAH16to70	2.82E-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
51	ALL	588192.5	4126275	2.82E-07	1.25YrCancerDerived_Inh_FAH16to70	2.82E-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
188	ALL	587952.5	4126395	2.81E-07	1.25YrCancerDerived_Inh_FAH16to70	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
260	ALL	587852.5	4126515	2.80E-07	1.25YrCancerDerived_Inh_FAH16to70	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
231	ALL	587892.5	4126455	2.79E-07	1.25YrCancerDerived_Inh_FAH16to70	2.79E-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
423	ALL	588392.5	4126675	2.78E-07	1.25YrCancerDerived_Inh_FAH16to70	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
543	ALL	588312.5	4126755	2.76E-07	1.25YrCancerDerived_Inh_FAH16to70	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
22	ALL	588232.5	4126255	2.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
170	ALL	587972.5	4126375	2.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
129	ALL	588032.5	4126335	2.72E-07	1.25YrCancerDerived_Inh_FAH16to70	2.72E-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
632	ALL	588232.5	4126815	2.71E-07	1.25YrCancerDerived_Inh_FAH16to70	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
393	ALL	588412.5	4126655	2.71E-07	1.25YrCancerDerived_Inh_FAH16to70	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
79	ALL	588132.5	4126295	2.70E-07	1.25YrCancerDerived_Inh_FAH16to70	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
268	ALL	587832.5	4126535	2.69E-07	1.25YrCancerDerived_Inh_FAH16to70	2.69E-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
691	ALL	588172.5	4126855	2.68E-07	1.25YrCancerDerived_Inh_FAH16to70	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
573	ALL	588292.5	4126775	2.68E-07	1.25YrCancerDerived_Inh_FAH16to70	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
104	ALL	588072.5	4126315	2.68E-07	1.25YrCancerDerived_Inh_FAH16to70	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
242	ALL	587872.5	4126475	2.67E-07	1.25YrCancerDerived_Inh_FAH16to70	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
150	ALL	587992.5	4126355	2.65E-07	1.25YrCancerDerived_Inh_FAH16to70	2.65E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

204	ALL	587912.5	4126415	2.54E-07	1.25YrCancerDerived_Inh_FAH16to70	2.54E-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
21	ALL	588212.5	4126255	2.54E-07	1.25YrCancerDerived_Inh_FAH16to70	2.54E-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
187	ALL	587932.5	4126395	2.53E-07	1.25YrCancerDerived_Inh_FAH16to70	2.53E-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
454	ALL	588392.5	4126695	2.53E-07	1.25YrCancerDerived_Inh_FAH16to70	2.53E-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
544	ALL	588332.5	4126755	2.51E-07	1.25YrCancerDerived_Inh_FAH16to70	2.51E-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
103	ALL	588052.5	4126315	2.51E-07	1.25YrCancerDerived_Inh_FAH16to70	2.51E-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
128	ALL	588012.5	4126335	2.51E-07	1.25YrCancerDerived_Inh_FAH16to70	2.51E-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
218	ALL	587892.5	4126435	2.49E-07	1.25YrCancerDerived_Inh_FAH16to70	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
633	ALL	588252.5	4126815	2.49E-07	1.25YrCancerDerived_Inh_FAH16to70	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
692	ALL	588192.5	4126855	2.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
424	ALL	588412.5	4126675	2.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
169	ALL	587952.5	4126375	2.46E-07	1.25YrCancerDerived_Inh_FAH16to70	2.46E-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
574	ALL	588312.5	4126775	2.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
49	ALL	588152.5	4126275	2.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
259	ALL	587832.5	4126515	2.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
230	ALL	587872.5	4126455	2.44E-07	1.25YrCancerDerived_Inh_FAH16to70	2.44E-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
77	ALL	588092.5	4126295	2.43E-07	1.25YrCancerDerived_Inh_FAH16to70	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
149	ALL	587972.5	4126355	2.40E-07	1.25YrCancerDerived_Inh_FAH16to70	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
663	ALL	588232.5	4126835	2.38E-07	1.25YrCancerDerived_Inh_FAH16to70	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
20	ALL	588192.5	4126255	2.38E-07	1.25YrCancerDerived_Inh_FAH16to70	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
604	ALL	588292.5	4126795	2.37E-07	1.25YrCancerDerived_Inh_FAH16to70	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
267	ALL	587812.5	4126535	2.35E-07	1.25YrCancerDerived_Inh_FAH16to70	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
241	ALL	587852.5	4126475	2.33E-07	1.25YrCancerDerived_Inh_FAH16to70	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
102	ALL	588032.5	4126315	2.32E-07	1.25YrCancerDerived_Inh_FAH16to70	2.32E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	588372.5	4126735	2.31E-07	1.25YrCancerDerived_Inh_FAH16to70	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
48	ALL	588132.5	4126275	2.30E-07	1.25YrCancerDerived_Inh_FAH16to70	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
485	ALL	588392.5	4126715	2.30E-07	1.25YrCancerDerived_Inh_FAH16to70	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
186	ALL	587912.5	4126395	2.30E-07	1.25YrCancerDerived_Inh_FAH16to70	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
127	ALL	587992.5	4126335	2.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
545	ALL	588352.5	4126755	2.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
634	ALL	588272.5	4126815	2.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
693	ALL	588212.5	4126855	2.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
76	ALL	588072.5	4126295	2.28E-07	1.25YrCancerDerived_Inh_FAH16to70	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
455	ALL	588412.5	4126695	2.27E-07	1.25YrCancerDerived_Inh_FAH16to70	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
575	ALL	588332.5	4126775	2.24E-07	1.25YrCancerDerived_Inh_FAH16to70	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
250	ALL	587832.5	4126495	2.24E-07	1.25YrCancerDerived_Inh_FAH16to70	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
203	ALL	587892.5	4126415	2.23E-07	1.25YrCancerDerived_Inh_FAH16to70	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
19	ALL	588172.5	4126255	2.23E-07	1.25YrCancerDerived_Inh_FAH16to70	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
168	ALL	587932.5	4126375	2.20E-07	1.25YrCancerDerived_Inh_FAH16to70	2.20E-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
217	ALL	587872.5	4126435	2.20E-07	1.25YrCancerDerived_Inh_FAH16to70	2.20E-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
664	ALL	588252.5	4126835	2.20E-07	1.25YrCancerDerived_Inh_FAH16to70	2.20E-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
47	ALL	588112.5	4126275	2.19E-07	1.25YrCancerDerived_Inh_FAH16to70	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
605	ALL	588312.5	4126795	2.18E-07	1.25YrCancerDerived_Inh_FAH16to70	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
148	ALL	587952.5	4126355	2.17E-07	1.25YrCancerDerived_Inh_FAH16to70	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
258	ALL	587812.5	4126515	2.16E-07	1.25YrCancerDerived_Inh_FAH16to70	2.16E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	587852.5	4126455	2.15E-07	1.25YrCancerDerived_Inh_FAH16to70	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
101	ALL	588012.5	4126315	2.15E-07	1.25YrCancerDerived_Inh_FAH16to70	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
75	ALL	588052.5	4126295	2.15E-07	1.25YrCancerDerived_Inh_FAH16to70	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
694	ALL	588232.5	4126855	2.12E-07	1.25YrCancerDerived_Inh_FAH16to70	2.12E-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
635	ALL	588292.5	4126815	2.11E-07	1.25YrCancerDerived_Inh_FAH16to70	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
18	ALL	588152.5	4126255	2.11E-07	1.25YrCancerDerived_Inh_FAH16to70	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
126	ALL	587972.5	4126335	2.10E-07	1.25YrCancerDerived_Inh_FAH16to70	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
516	ALL	588392.5	4126735	2.10E-07	1.25YrCancerDerived_Inh_FAH16to70	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
546	ALL	588372.5	4126755	2.09E-07	1.25YrCancerDerived_Inh_FAH16to70	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
46	ALL	588092.5	4126275	2.09E-07	1.25YrCancerDerived_Inh_FAH16to70	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
486	ALL	588412.5	4126715	2.08E-07	1.25YrCancerDerived_Inh_FAH16to70	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
240	ALL	587832.5	4126475	2.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
576	ALL	588352.5	4126775	2.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
185	ALL	587892.5	4126395	2.06E-07	1.25YrCancerDerived_Inh_FAH16to70	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
665	ALL	588272.5	4126835	2.03E-07	1.25YrCancerDerived_Inh_FAH16to70	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
74	ALL	588032.5	4126295	2.02E-07	1.25YrCancerDerived_Inh_FAH16to70	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
606	ALL	588332.5	4126795	2.01E-07	1.25YrCancerDerived_Inh_FAH16to70	2.01E-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
202	ALL	587872.5	4126415	1.99E-07	1.25YrCancerDerived_Inh_FAH16to70	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
167	ALL	587912.5	4126375	1.99E-07	1.25YrCancerDerived_Inh_FAH16to70	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
100	ALL	587992.5	4126315	1.99E-07	1.25YrCancerDerived_Inh_FAH16to70	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
17	ALL	588132.5	4126255	1.99E-07	1.25YrCancerDerived_Inh_FAH16to70	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
249	ALL	587812.5	4126495	1.98E-07	1.25YrCancerDerived_Inh_FAH16to70	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
45	ALL	588072.5	4126275	1.98E-07	1.25YrCancerDerived_Inh_FAH16to70	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
695	ALL	588252.5	4126855	1.96E-07	1.25YrCancerDerived_Inh_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
147	ALL	587932.5	4126355	1.96E-07	1.25YrCancerDerived_Inh_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	587852.5	4126435	1.96E-07	1.25YrCancerDerived_Inh_FAH16to70	1.96E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	588312.5	4126815	1.95E-07	1.25YrCancerDerived_Inh_FAH16to70	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
228	ALL	587832.5	4126455	1.92E-07	1.25YrCancerDerived_Inh_FAH16to70	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
547	ALL	588392.5	4126755	1.92E-07	1.25YrCancerDerived_Inh_FAH16to70	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
125	ALL	587952.5	4126335	1.91E-07	1.25YrCancerDerived_Inh_FAH16to70	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
517	ALL	588412.5	4126735	1.91E-07	1.25YrCancerDerived_Inh_FAH16to70	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
577	ALL	588372.5	4126775	1.89E-07	1.25YrCancerDerived_Inh_FAH16to70	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
666	ALL	588292.5	4126835	1.89E-07	1.25YrCancerDerived_Inh_FAH16to70	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
16	ALL	588112.5	4126255	1.89E-07	1.25YrCancerDerived_Inh_FAH16to70	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
44	ALL	588052.5	4126275	1.88E-07	1.25YrCancerDerived_Inh_FAH16to70	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
73	ALL	588012.5	4126295	1.88E-07	1.25YrCancerDerived_Inh_FAH16to70	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
607	ALL	588352.5	4126795	1.85E-07	1.25YrCancerDerived_Inh_FAH16to70	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
99	ALL	587972.5	4126315	1.85E-07	1.25YrCancerDerived_Inh_FAH16to70	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
239	ALL	587812.5	4126475	1.84E-07	1.25YrCancerDerived_Inh_FAH16to70	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
166	ALL	587892.5	4126375	1.82E-07	1.25YrCancerDerived_Inh_FAH16to70	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
696	ALL	588272.5	4126855	1.82E-07	1.25YrCancerDerived_Inh_FAH16to70	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
637	ALL	588332.5	4126815	1.81E-07	1.25YrCancerDerived_Inh_FAH16to70	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
15	ALL	588092.5	4126255	1.80E-07	1.25YrCancerDerived_Inh_FAH16to70	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
184	ALL	587872.5	4126395	1.80E-07	1.25YrCancerDerived_Inh_FAH16to70	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
201	ALL	587852.5	4126415	1.79E-07	1.25YrCancerDerived_Inh_FAH16to70	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
146	ALL	587912.5	4126355	1.78E-07	1.25YrCancerDerived_Inh_FAH16to70	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
43	ALL	588032.5	4126275	1.76E-07	1.25YrCancerDerived_Inh_FAH16to70	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
667	ALL	588312.5	4126835	1.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
548	ALL	588412.5	4126755	1.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
215	ALL	587832.5	4126435	1.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
72	ALL	587992.5	4126295	1.75E-07	1.25YrCancerDerived_Inh_FAH16to70	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
124	ALL	587932.5	4126335	1.74E-07	1.25YrCancerDerived_Inh_FAH16to70	1.74E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00

42	ALL	588012.5	4126275	1.66E-07	1.25YrCancerDerived_Inh_FAH16to70	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
13	ALL	588052.5	4126255	1.64E-07	1.25YrCancerDerived_Inh_FAH16to70	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
668	ALL	588332.5	4126835	1.64E-07	1.25YrCancerDerived_Inh_FAH16to70	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
71	ALL	587972.5	4126295	1.63E-07	1.25YrCancerDerived_Inh_FAH16to70	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
145	ALL	587892.5	4126355	1.62E-07	1.25YrCancerDerived_Inh_FAH16to70	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
183	ALL	587852.5	4126395	1.62E-07	1.25YrCancerDerived_Inh_FAH16to70	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
200	ALL	587832.5	4126415	1.61E-07	1.25YrCancerDerived_Inh_FAH16to70	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
579	ALL	588412.5	4126775	1.61E-07	1.25YrCancerDerived_Inh_FAH16to70	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
123	ALL	587912.5	4126335	1.60E-07	1.25YrCancerDerived_Inh_FAH16to70	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
609	ALL	588392.5	4126795	1.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
698	ALL	588312.5	4126855	1.59E-07	1.25YrCancerDerived_Inh_FAH16to70	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
214	ALL	587812.5	4126435	1.58E-07	1.25YrCancerDerived_Inh_FAH16to70	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
97	ALL	587932.5	4126315	1.56E-07	1.25YrCancerDerived_Inh_FAH16to70	1.56E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
41	ALL	587992.5	4126275	1.55E-07	1.25YrCancerDerived_Inh_FAH16to70	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
639	ALL	588372.5	4126815	1.55E-07	1.25YrCancerDerived_Inh_FAH16to70	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
12	ALL	588032.5	4126255	1.55E-07	1.25YrCancerDerived_Inh_FAH16to70	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
669	ALL	588352.5	4126835	1.53E-07	1.25YrCancerDerived_Inh_FAH16to70	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
70	ALL	587952.5	4126295	1.51E-07	1.25YrCancerDerived_Inh_FAH16to70	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
144	ALL	587872.5	4126355	1.50E-07	1.25YrCancerDerived_Inh_FAH16to70	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
164	ALL	587852.5	4126375	1.49E-07	1.25YrCancerDerived_Inh_FAH16to70	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
699	ALL	588332.5	4126855	1.48E-07	1.25YrCancerDerived_Inh_FAH16to70	1.48E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	588412.5	4126795	1.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
122	ALL	587892.5	4126335	1.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
11	ALL	588012.5	4126255	1.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
182	ALL	587832.5	4126395	1.47E-07	1.25YrCancerDerived_Inh_FAH16to70	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
199	ALL	587812.5	4126415	1.46E-07	1.25YrCancerDerived_Inh_FAH16to70	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
40	ALL	587972.5	4126275	1.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
640	ALL	588392.5	4126815	1.45E-07	1.25YrCancerDerived_Inh_FAH16to70	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
96	ALL	587912.5	4126315	1.44E-07	1.25YrCancerDerived_Inh_FAH16to70	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
670	ALL	588372.5	4126835	1.42E-07	1.25YrCancerDerived_Inh_FAH16to70	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
69	ALL	587932.5	4126295	1.40E-07	1.25YrCancerDerived_Inh_FAH16to70	1.40E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
143	ALL	587852.5	4126355	1.39E-07	1.25YrCancerDerived_Inh_FAH16to70	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
700	ALL	588352.5	4126855	1.39E-07	1.25YrCancerDerived_Inh_FAH16to70	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
10	ALL	587992.5	4126255	1.37E-07	1.25YrCancerDerived_Inh_FAH16to70	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
121	ALL	587872.5	4126335	1.36E-07	1.25YrCancerDerived_Inh_FAH16to70	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
39	ALL	587952.5	4126275	1.36E-07	1.25YrCancerDerived_Inh_FAH16to70	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
641	ALL	588412.5	4126815	1.35E-07	1.25YrCancerDerived_Inh_FAH16to70	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
163	ALL	587832.5	4126375	1.35E-07	1.25YrCancerDerived_Inh_FAH16to70	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
181	ALL	587812.5	4126395	1.35E-07	1.25YrCancerDerived_Inh_FAH16to70	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
95	ALL	587892.5	4126315	1.34E-07	1.25YrCancerDerived_Inh_FAH16to70	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
671	ALL	588392.5	4126835	1.33E-07	1.25YrCancerDerived_Inh_FAH16to70	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
68	ALL	587912.5	4126295	1.31E-07	1.25YrCancerDerived_Inh_FAH16to70	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
701	ALL	588372.5	4126855	1.30E-07	1.25YrCancerDerived_Inh_FAH16to70	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
120	ALL	587852.5	4126335	1.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
9	ALL	587972.5	4126255	1.29E-07	1.25YrCancerDerived_Inh_FAH16to70	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
38	ALL	587932.5	4126275	1.27E-07	1.25YrCancerDerived_Inh_FAH16to70	1.27E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
94	ALL	587872.5	4126315	1.25E-07	1.25YrCancerDerived_Inh_FAH16to70	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
672	ALL	588412.5	4126835	1.25E-07	1.25YrCancerDerived_Inh_FAH16to70	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
162	ALL	587812.5	4126375	1.24E-07	1.25YrCancerDerived_Inh_FAH16to70	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
142	ALL	587832.5	4126355	1.24E-07	1.25YrCancerDerived_Inh_FAH16to70	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
8	ALL	587952.5	4126255	1.23E-07	1.25YrCancerDerived_Inh_FAH16to70	1.23E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
702	ALL	588392.5	4126855	1.22E-07	1.25YrCancerDerived_Inh_FAH16to70	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
67	ALL	587892.5	4126295	1.22E-07	1.25YrCancerDerived_Inh_FAH16to70	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
37	ALL	587912.5	4126275	1.19E-07	1.25YrCancerDerived_Inh_FAH16to70	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
93	ALL	587852.5	4126315	1.17E-07	1.25YrCancerDerived_Inh_FAH16to70	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
66	ALL	587872.5	4126295	1.17E-07	1.25YrCancerDerived_Inh_FAH16to70	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
7	ALL	587932.5	4126255	1.15E-07	1.25YrCancerDerived_Inh_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
703	ALL	588412.5	4126855	1.15E-07	1.25YrCancerDerived_Inh_FAH16to70	1.15E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
141	ALL	587812.5	4126355	1.14E-07	1.25YrCancerDerived_Inh_FAH16to70	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
119	ALL	587832.5	4126335	1.14E-07	1.25YrCancerDerived_Inh_FAH16to70	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
36	ALL	587892.5	4126275	1.11E-07	1.25YrCancerDerived_Inh_FAH16to70	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
6	ALL	587912.5	4126255	1.08E-07	1.25YrCancerDerived_Inh_FAH16to70	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
65	ALL	587852.5	4126295	1.07E-07	1.25YrCancerDerived_Inh_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
92	ALL	587832.5	4126315	1.07E-07	1.25YrCancerDerived_Inh_FAH16to70	1.07E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
35	ALL	587872.5	4126275	1.06E-07	1.25YrCancerDerived_Inh_FAH16to70	1.06E-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
118	ALL	587812.5	4126335	1.05E-07	1.25YrCancerDerived_Inh_FAH16to70	1.05E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5	ALL	587892.5	4126255	1.02E-07	1.25YrCancerDerived_Inh_FAH16to70	1.02E-07	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
64	ALL	587832.5	4126295	9.93E-08	1.25YrCancerDerived_Inh_FAH16to70	9.93E-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	587812.5	4126315	9.79E-08	1.25YrCancerDerived_Inh_FAH16to70	9.79E-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
34	ALL	587852.5	4126275	9.77E-08	1.25YrCancerDerived_Inh_FAH16to70	9.77E-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
4	ALL	587872.5	4126255	9.49E-08	1.25YrCancerDerived_Inh_FAH16to70	9.49E-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	587832.5	4126275	9.25E-08	1.25YrCancerDerived_Inh_FAH16to70	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
3	ALL	587852.5	4126255	9.20E-08	1.25YrCancerDerived_Inh_FAH16to70	9.20E-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
63	ALL	587812.5	4126295	9.00E-08	1.25YrCancerDerived_Inh_FAH16to70	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
2	ALL	587832.5	4126255	8.51E-08	1.25YrCancerDerived_Inh_FAH16to70	8.51E-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
32	ALL	587812.5	4126275	8.49E-08	1.25YrCancerDerived_Inh_FAH16to70	8.49E-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
1	ALL	587812.5	4126255	7.46E-08	1.25YrCancerDerived_Inh_FAH16to70	7.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Palm Villas Saratoga - Construction Health Risk Assessment - Chronic Risk, Mitigated Scenario
*HARP - HRACalc v19044 4/24/2019 10:21:13 AM - Chronic Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DE	RESP	SKIN	EYE	BONE/TEE	ENDO	BLOOD	ODOR	GENERAL	MAXHI
316	ALL		588052.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.28E-03
303	ALL		588052.5	4126575	NonCancerChronicDerived_Inh	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
335	ALL		588052.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-03
315	ALL		588032.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.23E-03
334	ALL		588032.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.04E-03
357	ALL		588052.5	4126635	NonCancerChronicDerived_Inh	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
302	ALL		588032.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.50E-03
356	ALL		588032.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.17E-03
333	ALL		588012.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-03
314	ALL		588012.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.41E-03
290	ALL		588032.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.35E-03
355	ALL		588012.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.31E-03
380	ALL		588032.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.18E-03
301	ALL		588012.5	4126575	NonCancerChronicDerived_Inh	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
379	ALL		588012.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.76E-03
332	ALL		587992.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.61E-03
354	ALL		587992.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-03
407	ALL		588072.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.49E-03
406	ALL		588052.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.48E-03
278	ALL		588032.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.46E-03
405	ALL		588032.5	4126675	NonCancerChronicDerived_Inh	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	2.37E-03
408	ALL		588092.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
313	ALL		587992.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.34E-03
378	ALL		587992.5	4126655	NonCancerChronicDerived_Inh	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	2.33E-03
409	ALL		588112.5	4126675	NonCancerChronicDerived_Inh	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
404	ALL		588012.5	4126675	NonCancerChronicDerived_Inh	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
289	ALL		588012.5	4126555	NonCancerChronicDerived_Inh	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	2.14E-03
209	ALL		588332.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-03
223	ALL		588352.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-03
353	ALL		587972.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
410	ALL		588132.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.00E-03
403	ALL		587992.5	4126675	NonCancerChronicDerived_Inh	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
381	ALL		588172.5	4126655	NonCancerChronicDerived_Inh	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
377	ALL		587972.5	4126655	NonCancerChronicDerived_Inh	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
331	ALL		587972.5	4126615	NonCancerChronicDerived_Inh	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
210	ALL		588352.5	4126415	NonCancerChronicDerived_Inh	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
300	ALL		587992.5	4126575	NonCancerChronicDerived_Inh	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
192	ALL		588292.5	4126395	NonCancerChronicDerived_Inh	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
193	ALL		588312.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.85E-03
437	ALL		588052.5	4126695	NonCancerChronicDerived_Inh	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	1.80E-03
194	ALL		588332.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-03
224	ALL		588372.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
436	ALL		588032.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.78E-03
236	ALL		588372.5	4126455	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.77E-03
438	ALL		588072.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.76E-03
402	ALL		587972.5	4126675	NonCancerChronicDerived_Inh	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
435	ALL		588012.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.71E-03
211	ALL		588372.5	4126415	NonCancerChronicDerived_Inh	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	1.70E-03
411	ALL		588152.5	4126675	NonCancerChronicDerived_Inh	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	1.70E-03
195	ALL		588352.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.68E-03
312	ALL		587972.5	4126595	NonCancerChronicDerived_Inh	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	1.67E-03
277	ALL		588012.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
358	ALL		588212.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-03
439	ALL		588092.5	4126695	NonCancerChronicDerived_Inh	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	1.62E-03
434	ALL		587992.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.61E-03
440	ALL		588112.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.60E-03
376	ALL		587952.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.57E-03
382	ALL		588192.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
352	ALL		587952.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-03
196	ALL		588372.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.55E-03
225	ALL		588392.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-03
212	ALL		588392.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
288	ALL		587992.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.49E-03
401	ALL		587952.5	4126675	NonCancerChronicDerived_Inh	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	1.47E-03
237	ALL		588392.5	4126455	NonCancerChronicDerived_Inh	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	1.47E-03
433	ALL		587972.5	4126695	NonCancerChronicDerived_Inh	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	1.47E-03
175	ALL		588312.5	4126375	NonCancerChronicDerived_Inh	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	1.46E-03
176	ALL		588332.5	4126375	NonCancerChronicDerived_Inh	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	1.46E-03
441	ALL		588132.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
330	ALL		587952.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.44E-03
177	ALL		588352.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
174	ALL		588292.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.42E-03
412	ALL		588172.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.41E-03
197	ALL		588392.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.40E-03
299	ALL		587972.5	4126575	NonCancerChronicDerived_Inh	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
467	ALL		588032.5	4126715	NonCancerChronicDerived_Inh	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
468	ALL		588052.5	4126715	NonCancerChronicDerived_Inh	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
178	ALL		588372.5	4126375	NonCancerChronicDerived_Inh	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
466	ALL		588012.5	4126715	NonCancerChronicDerived_Inh	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	1.34E-03
432	ALL		587952.5	4126695	NonCancerChronicDerived_Inh	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	1.32E-03
213	ALL		588412.5	4126415	NonCancerChronicDerived_Inh	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	1.30E-03
465	ALL		587992.5	4126715	NonCancerChronicDerived_Inh	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	1.30E-03
226	ALL		588412.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
359	ALL		588232.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.29E-03
336	ALL		588252.5	4126615	NonCancerChronicDerived_Inh	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	1.28E-03
375	ALL		587932.5	4126655	NonCancerChronicDerived_Inh	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	1.28E-03
469	ALL		588072.5	4126715	NonCancerChronicDerived_Inh	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
470	ALL		588092.5	4126715	NonCancerChronicDerived_Inh	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
179	ALL		588392.5	4126375	NonCancerChronicDerived_Inh	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
198	ALL		588412.5	4126395	NonCancerChronicDerived_Inh	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
383	AL

156	ALL	588312.5	4126355	NonCancerChronicDerived_Inh	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	1.14E-03
463	ALL	587952.5	4126715	NonCancerChronicDerived_Inh	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	1.14E-03
160	ALL	588392.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
329	ALL	587932.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.11E-03
287	ALL	587972.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
248	ALL	588412.5	4126475	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E-03
472	ALL	588132.5	4126715	NonCancerChronicDerived_Inh	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	1.08E-03
155	ALL	588292.5	4126355	NonCancerChronicDerived_Inh	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	1.08E-03
498	ALL	588032.5	4126735	NonCancerChronicDerived_Inh	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
443	ALL	588172.5	4126695	NonCancerChronicDerived_Inh	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
497	ALL	588012.5	4126735	NonCancerChronicDerived_Inh	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
161	ALL	588412.5	4126355	NonCancerChronicDerived_Inh	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
499	ALL	588052.5	4126735	NonCancerChronicDerived_Inh	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
399	ALL	587912.5	4126675	NonCancerChronicDerived_Inh	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
496	ALL	587992.5	4126735	NonCancerChronicDerived_Inh	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
374	ALL	587912.5	4126655	NonCancerChronicDerived_Inh	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
462	ALL	587932.5	4126715	NonCancerChronicDerived_Inh	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
360	ALL	588252.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.03E-03
298	ALL	587952.5	4126575	NonCancerChronicDerived_Inh	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
495	ALL	587972.5	4126735	NonCancerChronicDerived_Inh	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
384	ALL	588232.5	4126655	NonCancerChronicDerived_Inh	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
337	ALL	588272.5	4126615	NonCancerChronicDerived_Inh	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	1.01E-03
430	ALL	587912.5	4126695	NonCancerChronicDerived_Inh	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	1.01E-03
500	ALL	588072.5	4126735	NonCancerChronicDerived_Inh	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
501	ALL	588092.5	4126735	NonCancerChronicDerived_Inh	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
350	ALL	587912.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.77E-04
494	ALL	587952.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.74E-04
138	ALL	588372.5	4126335	NonCancerChronicDerived_Inh	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
414	ALL	588212.5	4126675	NonCancerChronicDerived_Inh	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
137	ALL	588352.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.64E-04
139	ALL	588392.5	4126335	NonCancerChronicDerived_Inh	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
473	ALL	588152.5	4126715	NonCancerChronicDerived_Inh	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	9.53E-04
310	ALL	587932.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.47E-04
136	ALL	588332.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.38E-04
461	ALL	587912.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.34E-04
140	ALL	588412.5	4126335	NonCancerChronicDerived_Inh	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	9.28E-04
502	ALL	588112.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.22E-04
275	ALL	587972.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04
493	ALL	587932.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.09E-04
444	ALL	588192.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.04E-04
135	ALL	588312.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.91E-04
398	ALL	587892.5	4126675	NonCancerChronicDerived_Inh	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	8.83E-04
429	ALL	587892.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.71E-04
328	ALL	587912.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.70E-04
373	ALL	587892.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.56E-04
528	ALL	588012.5	4126755	NonCancerChronicDerived_Inh	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
527	ALL	587992.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.49E-04
529	ALL	588032.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.48E-04
526	ALL	587972.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.43E-04
503	ALL	588132.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.42E-04
492	ALL	587912.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.39E-04
286	ALL	587952.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
385	ALL	588252.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.34E-04
530	ALL	588052.5	4126755	NonCancerChronicDerived_Inh	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
134	ALL	588292.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
361	ALL	588272.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.30E-04
474	ALL	588172.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.29E-04
460	ALL	587892.5	4126715	NonCancerChronicDerived_Inh	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	8.27E-04
525	ALL	587952.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.23E-04
338	ALL	588292.5	4126615	NonCancerChronicDerived_Inh	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
415	ALL	588232.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04
317	ALL	588312.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.11E-04
116	ALL	588392.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.09E-04
531	ALL	588072.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.08E-04
115	ALL	588372.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.03E-04
117	ALL	588412.5	4126315	NonCancerChronicDerived_Inh	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
349	ALL	587892.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
297	ALL	587932.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.88E-04
524	ALL	587932.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.84E-04
114	ALL	588352.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.82E-04
445	ALL	588212.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.67E-04
532	ALL	588092.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.66E-04
491	ALL	587892.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.63E-04
266	ALL	587972.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.59E-04
133	ALL	588272.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.56E-04
428	ALL	587872.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.53E-04
504	ALL	588152.5	4126735	NonCancerChronicDerived_Inh	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	7.50E-04
113	ALL	588332.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.47E-04
397	ALL	587872.5	4126675	NonCancerChronicDerived_Inh	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	7.46E-04
309	ALL	587912.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.45E-04
523	ALL	587912.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.41E-04
459	ALL	587872.5	4126715	NonCancerChronicDerived_Inh	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	7.33E-04
533	ALL	588112.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.31E-04
475	ALL	588192.5	4126715	NonCancerChronicDerived_Inh	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
274	ALL	587952.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.12E-04
372	ALL	587872.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.08E-04
557	ALL	587972.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.02E-04
112	ALL	588312.5	4126315	NonCancerChronicDerived_Inh	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	7.01E-04
558	ALL	587992.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.99E-04
327	ALL	587892.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-04
559	ALL	588012.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.95E-04
490	ALL	587872.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.94E-04

562	ALL	588072.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.56E-04
427	ALL	587852.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.50E-04
554	ALL	587912.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.48E-04
458	ALL	587852.5	4126715	NonCancerChronicDerived_Inh	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	6.47E-04
111	ALL	588292.5	4126315	NonCancerChronicDerived_Inh	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	6.47E-04
348	ALL	587872.5	4126635	NonCancerChronicDerived_Inh	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	6.45E-04
257	ALL	587972.5	4126495	NonCancerChronicDerived_Inh	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	6.44E-04
521	ALL	587872.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.43E-04
87	ALL	588352.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.34E-04
396	ALL	587852.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.31E-04
296	ALL	587912.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-04
489	ALL	587852.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-04
476	ALL	588212.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.21E-04
553	ALL	587892.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.16E-04
265	ALL	587952.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.13E-04
563	ALL	588092.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.08E-04
535	ALL	588152.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.06E-04
308	ALL	587892.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.00E-04
86	ALL	588332.5	4126295	NonCancerChronicDerived_Inh	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
564	ALL	588112.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.93E-04
371	ALL	587852.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.91E-04
520	ALL	587852.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.90E-04
110	ALL	588272.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.85E-04
552	ALL	587872.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.84E-04
588	ALL	587972.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-04
506	ALL	588192.5	4126735	NonCancerChronicDerived_Inh	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
587	ALL	587952.5	4126795	NonCancerChronicDerived_Inh	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
387	ALL	588292.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
417	ALL	588272.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.81E-04
62	ALL	588412.5	4126275	NonCancerChronicDerived_Inh	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
589	ALL	587992.5	4126795	NonCancerChronicDerived_Inh	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
586	ALL	587932.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-04
590	ALL	588012.5	4126795	NonCancerChronicDerived_Inh	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
363	ALL	588312.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
457	ALL	587832.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.69E-04
326	ALL	587872.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
591	ALL	588032.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-04
61	ALL	588392.5	4126275	NonCancerChronicDerived_Inh	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
273	ALL	587932.5	4126535	NonCancerChronicDerived_Inh	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
447	ALL	588252.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.65E-04
585	ALL	587912.5	4126795	NonCancerChronicDerived_Inh	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
426	ALL	587832.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04
488	ALL	587832.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.61E-04
85	ALL	588312.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04
340	ALL	588332.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.57E-04
592	ALL	588052.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.56E-04
319	ALL	588352.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.55E-04
247	ALL	587972.5	4126475	NonCancerChronicDerived_Inh	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
565	ALL	588132.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.49E-04
551	ALL	587852.5	4126775	NonCancerChronicDerived_Inh	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	5.47E-04
584	ALL	587892.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.45E-04
60	ALL	588372.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.44E-04
536	ALL	588172.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
477	ALL	588232.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
593	ALL	588072.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.41E-04
519	ALL	587832.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
284	ALL	587912.5	4126555	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.38E-04
395	ALL	587832.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.37E-04
347	ALL	587852.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.34E-04
256	ALL	587952.5	4126495	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.27E-04
583	ALL	587872.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.26E-04
109	ALL	588252.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.25E-04
594	ALL	588092.5	4126795	NonCancerChronicDerived_Inh	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
59	ALL	588352.5	4126275	NonCancerChronicDerived_Inh	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
295	ALL	587892.5	4126575	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
507	ALL	588212.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.12E-04
84	ALL	588292.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.10E-04
550	ALL	587832.5	4126775	NonCancerChronicDerived_Inh	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	5.07E-04
582	ALL	587852.5	4126795	NonCancerChronicDerived_Inh	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	5.00E-04
487	ALL	587812.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
456	ALL	587812.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
566	ALL	588152.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-04
370	ALL	587832.5	4126655	NonCancerChronicDerived_Inh	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
418	ALL	588292.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
264	ALL	587932.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.97E-04
618	ALL	587952.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.96E-04
617	ALL	587932.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.95E-04
388	ALL	588312.5	4126655	NonCancerChronicDerived_Inh	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	4.93E-04
619	ALL	587972.5	4126815	NonCancerChronicDerived_Inh	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	4.93E-04
307	ALL	587872.5	4126595	NonCancerChronicDerived_Inh	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
448	ALL	588272.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.91E-04
616	ALL	587912.5	4126815	NonCancerChronicDerived_Inh	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	4.90E-04
31	ALL	588412.5	4126255	NonCancerChronicDerived_Inh	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
518	ALL	587812.5	4126755	NonCancerChronicDerived_Inh	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	4.88E-04
620	ALL	587992.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.87E-04
425	ALL	587812.5	4126695	NonCancerChronicDerived_Inh	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	4.86E-04
595	ALL	588112.5	4126795	NonCancerChronicDerived_Inh	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	4.86E-04
58	ALL	588332.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.84E-04
621	ALL	588012.5	4126815	NonCancerChronicDerived_Inh	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	4.82E-04
537	ALL	588192.5	4126755	NonCancerChronicDerived_Inh	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	4.82E-04
364	ALL	588332.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E-04
615	ALL	587892.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.80E-04

624	ALL	588072.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
508	ALL	588232.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
613	ALL	587852.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.52E-04
567	ALL	588172.5	4126775	NonCancerChronicDerived_Inh	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
29	ALL	588372.5	4126255	NonCancerChronicDerived_Inh	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
346	ALL	587832.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.48E-04
57	ALL	588312.5	4126275	NonCancerChronicDerived_Inh	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
283	ALL	587892.5	4126555	NonCancerChronicDerived_Inh	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
255	ALL	587932.5	4126495	NonCancerChronicDerived_Inh	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
580	ALL	587812.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.38E-04
625	ALL	588092.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.34E-04
612	ALL	587832.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.31E-04
419	ALL	588312.5	4126675	NonCancerChronicDerived_Inh	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
538	ALL	588212.5	4126755	NonCancerChronicDerived_Inh	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
449	ALL	588292.5	4126695	NonCancerChronicDerived_Inh	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
648	ALL	587932.5	4126835	NonCancerChronicDerived_Inh	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
294	ALL	587872.5	4126575	NonCancerChronicDerived_Inh	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
647	ALL	587912.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.24E-04
28	ALL	588352.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
649	ALL	587952.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
369	ALL	587812.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.23E-04
389	ALL	588332.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.22E-04
646	ALL	587892.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.21E-04
650	ALL	587972.5	4126835	NonCancerChronicDerived_Inh	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
479	ALL	588272.5	4126715	NonCancerChronicDerived_Inh	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
597	ALL	588152.5	4126795	NonCancerChronicDerived_Inh	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
82	ALL	588252.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.16E-04
645	ALL	587872.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.15E-04
651	ALL	587992.5	4126835	NonCancerChronicDerived_Inh	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
263	ALL	587912.5	4126515	NonCancerChronicDerived_Inh	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
306	ALL	587852.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
365	ALL	588352.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
652	ALL	588012.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.10E-04
611	ALL	587812.5	4126815	NonCancerChronicDerived_Inh	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
56	ALL	588292.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.07E-04
644	ALL	587852.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
653	ALL	588032.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.05E-04
568	ALL	588192.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
321	ALL	588392.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
342	ALL	588372.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.04E-04
222	ALL	587972.5	4126435	NonCancerChronicDerived_Inh	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
626	ALL	588112.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.02E-04
509	ALL	588252.5	4126735	NonCancerChronicDerived_Inh	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
324	ALL	587832.5	4126615	NonCancerChronicDerived_Inh	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
654	ALL	588052.5	4126835	NonCancerChronicDerived_Inh	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
234	ALL	587952.5	4126455	NonCancerChronicDerived_Inh	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	3.93E-04
27	ALL	588332.5	4126255	NonCancerChronicDerived_Inh	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	3.93E-04
643	ALL	587832.5	4126835	NonCancerChronicDerived_Inh	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
271	ALL	587892.5	4126535	NonCancerChronicDerived_Inh	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
208	ALL	587992.5	4126415	NonCancerChronicDerived_Inh	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
245	ALL	587932.5	4126475	NonCancerChronicDerived_Inh	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
627	ALL	588132.5	4126815	NonCancerChronicDerived_Inh	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
655	ALL	588072.5	4126835	NonCancerChronicDerived_Inh	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
539	ALL	588232.5	4126755	NonCancerChronicDerived_Inh	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
345	ALL	587812.5	4126635	NonCancerChronicDerived_Inh	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
598	ALL	588172.5	4126795	NonCancerChronicDerived_Inh	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
642	ALL	587812.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.75E-04
450	ALL	588312.5	4126695	NonCancerChronicDerived_Inh	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
677	ALL	587892.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
678	ALL	587912.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.73E-04
420	ALL	588332.5	4126675	NonCancerChronicDerived_Inh	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
81	ALL	588232.5	4126295	NonCancerChronicDerived_Inh	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
55	ALL	588272.5	4126275	NonCancerChronicDerived_Inh	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
191	ALL	588012.5	4126395	NonCancerChronicDerived_Inh	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
282	ALL	587872.5	4126555	NonCancerChronicDerived_Inh	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
679	ALL	587932.5	4126855	NonCancerChronicDerived_Inh	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
676	ALL	587872.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
480	ALL	588292.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
656	ALL	588092.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.69E-04
680	ALL	587952.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E-04
254	ALL	587912.5	4126495	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.66E-04
390	ALL	588352.5	4126655	NonCancerChronicDerived_Inh	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
681	ALL	587972.5	4126855	NonCancerChronicDerived_Inh	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
675	ALL	587852.5	4126855	NonCancerChronicDerived_Inh	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
569	ALL	588212.5	4126775	NonCancerChronicDerived_Inh	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
26	ALL	588312.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-04
293	ALL	587852.5	4126575	NonCancerChronicDerived_Inh	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
510	ALL	588272.5	4126735	NonCancerChronicDerived_Inh	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
682	ALL	587992.5	4126855	NonCancerChronicDerived_Inh	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
674	ALL	587832.5	4126855	NonCancerChronicDerived_Inh	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	3.55E-04
628	ALL	588152.5	4126815	NonCancerChronicDerived_Inh	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	3.55E-04
366	ALL	588372.5	4126635	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.54E-04
683	ALL	588012.5	4126855	NonCancerChronicDerived_Inh	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
322	ALL	588412.5	4126595	NonCancerChronicDerived_Inh	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
343	ALL	588392.5	4126615	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.49E-04
154	ALL	588072.5	4126355	NonCancerChronicDerived_Inh	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
684	ALL	588032.5	4126855	NonCancerChronicDerived_Inh	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
305	ALL	587832.5	4126595	NonCancerChronicDerived_Inh	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
657	ALL	588112.5	4126835	NonCancerChronicDerived_Inh	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
221	ALL	587952.5	4126435	NonCancerChronicDerived_Inh	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
262	ALL	587892.5	4126515	NonCancerChronicDerived_Inh	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
673	ALL	587812.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.45E-04

421	ALL	588352.5	4126675	NonCancerChronicDerived_Inh	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
629	ALL	588172.5	4126815	NonCancerChronicDerived_Inh	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
511	ALL	588292.5	4126735	NonCancerChronicDerived_Inh	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
391	ALL	588372.5	4126655	NonCancerChronicDerived_Inh	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
281	ALL	587852.5	4126555	NonCancerChronicDerived_Inh	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
153	ALL	588052.5	4126355	NonCancerChronicDerived_Inh	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
687	ALL	588092.5	4126855	NonCancerChronicDerived_Inh	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
172	ALL	588012.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
600	ALL	588212.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
253	ALL	587892.5	4126495	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
132	ALL	588092.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.11E-04
367	ALL	588392.5	4126635	NonCancerChronicDerived_Inh	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
541	ALL	588272.5	4126755	NonCancerChronicDerived_Inh	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
292	ALL	587832.5	4126575	NonCancerChronicDerived_Inh	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
659	ALL	588152.5	4126835	NonCancerChronicDerived_Inh	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
344	ALL	588412.5	4126615	NonCancerChronicDerived_Inh	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
53	ALL	588232.5	4126275	NonCancerChronicDerived_Inh	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
206	ALL	587952.5	4126415	NonCancerChronicDerived_Inh	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
24	ALL	588272.5	4126255	NonCancerChronicDerived_Inh	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
688	ALL	588112.5	4126855	NonCancerChronicDerived_Inh	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
304	ALL	587812.5	4126595	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.97E-04
630	ALL	588192.5	4126815	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
571	ALL	588252.5	4126775	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
261	ALL	587872.5	4126515	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.96E-04
220	ALL	587932.5	4126435	NonCancerChronicDerived_Inh	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
107	ALL	588132.5	4126315	NonCancerChronicDerived_Inh	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
152	ALL	588032.5	4126355	NonCancerChronicDerived_Inh	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
232	ALL	587912.5	4126455	NonCancerChronicDerived_Inh	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
482	ALL	588332.5	4126715	NonCancerChronicDerived_Inh	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
452	ALL	588352.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.91E-04
189	ALL	587972.5	4126395	NonCancerChronicDerived_Inh	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
131	ALL	588072.5	4126335	NonCancerChronicDerived_Inh	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
512	ALL	588312.5	4126735	NonCancerChronicDerived_Inh	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
422	ALL	588372.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.86E-04
601	ALL	588232.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
269	ALL	587852.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
689	ALL	588132.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.83E-04
171	ALL	587992.5	4126375	NonCancerChronicDerived_Inh	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
660	ALL	588172.5	4126835	NonCancerChronicDerived_Inh	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
243	ALL	587892.5	4126475	NonCancerChronicDerived_Inh	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
392	ALL	588392.5	4126655	NonCancerChronicDerived_Inh	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
542	ALL	588292.5	4126755	NonCancerChronicDerived_Inh	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
106	ALL	588112.5	4126315	NonCancerChronicDerived_Inh	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
23	ALL	588252.5	4126255	NonCancerChronicDerived_Inh	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
52	ALL	588212.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.77E-04
280	ALL	587832.5	4126555	NonCancerChronicDerived_Inh	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
368	ALL	588412.5	4126635	NonCancerChronicDerived_Inh	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
631	ALL	588212.5	4126815	NonCancerChronicDerived_Inh	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
130	ALL	588052.5	4126335	NonCancerChronicDerived_Inh	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
572	ALL	588272.5	4126775	NonCancerChronicDerived_Inh	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	587872.5	4126495	NonCancerChronicDerived_Inh	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
151	ALL	588012.5	4126355	NonCancerChronicDerived_Inh	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
205	ALL	587932.5	4126415	NonCancerChronicDerived_Inh	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
690	ALL	588152.5	4126855	NonCancerChronicDerived_Inh	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
291	ALL	587812.5	4126575	NonCancerChronicDerived_Inh	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
80	ALL	588152.5	4126295	NonCancerChronicDerived_Inh	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
483	ALL	588352.5	4126715	NonCancerChronicDerived_Inh	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
105	ALL	588092.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
453	ALL	588372.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.59E-04
602	ALL	588252.5	4126795	NonCancerChronicDerived_Inh	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
513	ALL	588332.5	4126735	NonCancerChronicDerived_Inh	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
219	ALL	587912.5	4126435	NonCancerChronicDerived_Inh	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
661	ALL	588192.5	4126835	NonCancerChronicDerived_Inh	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
51	ALL	588192.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
188	ALL	587952.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.57E-04
260	ALL	587852.5	4126515	NonCancerChronicDerived_Inh	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
231	ALL	587892.5	4126455	NonCancerChronicDerived_Inh	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
423	ALL	588392.5	4126675	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.54E-04
543	ALL	588312.5	4126755	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.53E-04
22	ALL	588232.5	4126255	NonCancerChronicDerived_Inh	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
170	ALL	587972.5	4126375	NonCancerChronicDerived_Inh	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
129	ALL	588032.5	4126335	NonCancerChronicDerived_Inh	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
632	ALL	588232.5	4126815	NonCancerChronicDerived_Inh	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
393	ALL	588412.5	4126655	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
79	ALL	588132.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.47E-04
268	ALL	587832.5	4126535	NonCancerChronicDerived_Inh	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
691	ALL	588172.5	4126855	NonCancerChronicDerived_Inh	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
573	ALL	588292.5	4126775	NonCancerChronicDerived_Inh	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
104	ALL	588072.5	4126315	NonCancerChronicDerived_Inh	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
242	ALL	587872.5	4126475	NonCancerChronicDerived_Inh	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
150	ALL	587992.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.42E-04
50	ALL	588172.5	4126275	NonCancerChronicDerived_Inh	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
662	ALL	588212.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.37E-04
603	ALL	588272.5	4126795	NonCancerChronicDerived_Inh	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
279	ALL	587812.5	4126555	NonCancerChronicDerived_Inh	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
78	ALL	588112.5	4126295	NonCancerChronicDerived_Inh	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
484	ALL	588372.5	4126715	NonCancerChronicDerived_Inh	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
251	ALL	587852.5	4126495	NonCancerChronicDerived_Inh	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
514	ALL	588352.5	4126735	NonCancerChronicDerived_Inh	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
204	ALL	587912.5	4126415	NonCancerChronicDerived_Inh	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
21	ALL	588212.5	4126255	NonCancerChronicDerived_Inh	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
187	ALL	587932.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-04

604	ALL	588292.5	4126795	NonCancerChronicDerived_Inh	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
267	ALL	587812.5	4126535	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E-04
241	ALL	587852.5	4126475	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.13E-04
102	ALL	588032.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.12E-04
515	ALL	588372.5	4126735	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.11E-04
48	ALL	588132.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
485	ALL	588392.5	4126715	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
186	ALL	587912.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
127	ALL	587992.5	4126335	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.10E-04
545	ALL	588352.5	4126755	NonCancerChronicDerived_Inh	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
634	ALL	588272.5	4126815	NonCancerChronicDerived_Inh	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
693	ALL	588212.5	4126855	NonCancerChronicDerived_Inh	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
76	ALL	588072.5	4126295	NonCancerChronicDerived_Inh	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
455	ALL	588412.5	4126695	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.07E-04
575	ALL	588332.5	4126775	NonCancerChronicDerived_Inh	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
250	ALL	587832.5	4126495	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
203	ALL	587892.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.04E-04
19	ALL	588172.5	4126255	NonCancerChronicDerived_Inh	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
168	ALL	587932.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
217	ALL	587872.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
664	ALL	588252.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.01E-04
47	ALL	588112.5	4126275	NonCancerChronicDerived_Inh	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
605	ALL	588312.5	4126795	NonCancerChronicDerived_Inh	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
148	ALL	587952.5	4126355	NonCancerChronicDerived_Inh	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
258	ALL	587812.5	4126515	NonCancerChronicDerived_Inh	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
229	ALL	587852.5	4126455	NonCancerChronicDerived_Inh	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
101	ALL	588012.5	4126315	NonCancerChronicDerived_Inh	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
75	ALL	588052.5	4126295	NonCancerChronicDerived_Inh	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
694	ALL	588232.5	4126855	NonCancerChronicDerived_Inh	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
635	ALL	588292.5	4126815	NonCancerChronicDerived_Inh	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
18	ALL	588152.5	4126255	NonCancerChronicDerived_Inh	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
126	ALL	587972.5	4126335	NonCancerChronicDerived_Inh	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
516	ALL	588392.5	4126735	NonCancerChronicDerived_Inh	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
546	ALL	588372.5	4126755	NonCancerChronicDerived_Inh	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
46	ALL	588092.5	4126275	NonCancerChronicDerived_Inh	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
486	ALL	588412.5	4126715	NonCancerChronicDerived_Inh	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
240	ALL	587832.5	4126475	NonCancerChronicDerived_Inh	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
576	ALL	588352.5	4126775	NonCancerChronicDerived_Inh	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
185	ALL	587892.5	4126395	NonCancerChronicDerived_Inh	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
665	ALL	588272.5	4126835	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.86E-04
74	ALL	588032.5	4126295	NonCancerChronicDerived_Inh	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
606	ALL	588332.5	4126795	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.83E-04
202	ALL	587872.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
167	ALL	587912.5	4126375	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
100	ALL	587992.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.82E-04
17	ALL	588132.5	4126255	NonCancerChronicDerived_Inh	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
249	ALL	587812.5	4126495	NonCancerChronicDerived_Inh	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
45	ALL	588072.5	4126275	NonCancerChronicDerived_Inh	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
147	ALL	587932.5	4126355	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
695	ALL	588252.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
216	ALL	587852.5	4126435	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.79E-04
636	ALL	588312.5	4126815	NonCancerChronicDerived_Inh	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
228	ALL	587832.5	4126455	NonCancerChronicDerived_Inh	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
547	ALL	588392.5	4126755	NonCancerChronicDerived_Inh	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
125	ALL	587952.5	4126335	NonCancerChronicDerived_Inh	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
517	ALL	588412.5	4126735	NonCancerChronicDerived_Inh	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
577	ALL	588372.5	4126775	NonCancerChronicDerived_Inh	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
666	ALL	588292.5	4126835	NonCancerChronicDerived_Inh	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
16	ALL	588112.5	4126255	NonCancerChronicDerived_Inh	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
44	ALL	588052.5	4126275	NonCancerChronicDerived_Inh	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
73	ALL	588012.5	4126295	NonCancerChronicDerived_Inh	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
607	ALL	588352.5	4126795	NonCancerChronicDerived_Inh	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
99	ALL	587972.5	4126315	NonCancerChronicDerived_Inh	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
239	ALL	587812.5	4126475	NonCancerChronicDerived_Inh	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
166	ALL	587892.5	4126375	NonCancerChronicDerived_Inh	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
696	ALL	588272.5	4126855	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.66E-04
637	ALL	588332.5	4126815	NonCancerChronicDerived_Inh	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
15	ALL	588092.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
184	ALL	587872.5	4126395	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.64E-04
201	ALL	587852.5	4126415	NonCancerChronicDerived_Inh	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
146	ALL	587912.5	4126355	NonCancerChronicDerived_Inh	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
43	ALL	588032.5	4126275	NonCancerChronicDerived_Inh	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
667	ALL	588312.5	4126835	NonCancerChronicDerived_Inh	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
548	ALL	588412.5	4126755	NonCancerChronicDerived_Inh	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
215	ALL	587832.5	4126435	NonCancerChronicDerived_Inh	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
72	ALL	587992.5	4126295	NonCancerChronicDerived_Inh	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
124	ALL	587932.5	4126335	NonCancerChronicDerived_Inh	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
578	ALL	588392.5	4126775	NonCancerChronicDerived_Inh	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
227	ALL	587812.5	4126455	NonCancerChronicDerived_Inh	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
14	ALL	588072.5	4126255	NonCancerChronicDerived_Inh	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
608	ALL	588372.5	4126795	NonCancerChronicDerived_Inh	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
697	ALL	588292.5	4126855	NonCancerChronicDerived_Inh	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
98	ALL	587952.5	4126315	NonCancerChronicDerived_Inh	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
165	ALL	587872.5	4126375	NonCancerChronicDerived_Inh	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
638	ALL	588352.5	4126815	NonCancerChronicDerived_Inh	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
42	ALL	588012.5	4126275	NonCancerChronicDerived_Inh	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
13	ALL	588052.5	4126255	NonCancerChronicDerived_Inh	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
668	ALL	588332.5	4126835	NonCancerChronicDerived_Inh	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
71	ALL	587972.5	4126295	NonCancerChronicDerived_Inh	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
145	ALL	587892.5	4126355	NonCancerChronicDerived_Inh	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
183	ALL	587852.5	4126395	NonCancerChronicDerived_Inh	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
200	ALL	587832.5	4126415	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.47E-04

182	ALL	587832.5	4126395	NonCancerChronicDerived_Inh	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
199	ALL	587812.5	4126415	NonCancerChronicDerived_Inh	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
40	ALL	587972.5	4126275	NonCancerChronicDerived_Inh	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
640	ALL	588392.5	4126815	NonCancerChronicDerived_Inh	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
96	ALL	587912.5	4126315	NonCancerChronicDerived_Inh	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
670	ALL	588372.5	4126835	NonCancerChronicDerived_Inh	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
69	ALL	587932.5	4126295	NonCancerChronicDerived_Inh	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
143	ALL	587852.5	4126355	NonCancerChronicDerived_Inh	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
700	ALL	588352.5	4126855	NonCancerChronicDerived_Inh	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
10	ALL	587992.5	4126255	NonCancerChronicDerived_Inh	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
121	ALL	587872.5	4126335	NonCancerChronicDerived_Inh	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
39	ALL	587952.5	4126275	NonCancerChronicDerived_Inh	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
641	ALL	588412.5	4126815	NonCancerChronicDerived_Inh	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
163	ALL	587832.5	4126375	NonCancerChronicDerived_Inh	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
181	ALL	587812.5	4126395	NonCancerChronicDerived_Inh	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
95	ALL	587892.5	4126315	NonCancerChronicDerived_Inh	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
671	ALL	588392.5	4126835	NonCancerChronicDerived_Inh	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
68	ALL	587912.5	4126295	NonCancerChronicDerived_Inh	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
701	ALL	588372.5	4126855	NonCancerChronicDerived_Inh	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
120	ALL	587852.5	4126335	NonCancerChronicDerived_Inh	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
9	ALL	587972.5	4126255	NonCancerChronicDerived_Inh	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
38	ALL	587932.5	4126275	NonCancerChronicDerived_Inh	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
94	ALL	587872.5	4126315	NonCancerChronicDerived_Inh	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
672	ALL	588412.5	4126835	NonCancerChronicDerived_Inh	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
162	ALL	587812.5	4126375	NonCancerChronicDerived_Inh	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
142	ALL	587832.5	4126355	NonCancerChronicDerived_Inh	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
8	ALL	587952.5	4126255	NonCancerChronicDerived_Inh	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
702	ALL	588392.5	4126855	NonCancerChronicDerived_Inh	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
67	ALL	587892.5	4126295	NonCancerChronicDerived_Inh	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
37	ALL	587912.5	4126275	NonCancerChronicDerived_Inh	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
93	ALL	587852.5	4126315	NonCancerChronicDerived_Inh	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
66	ALL	587872.5	4126295	NonCancerChronicDerived_Inh	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
7	ALL	587932.5	4126255	NonCancerChronicDerived_Inh	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
703	ALL	588412.5	4126855	NonCancerChronicDerived_Inh	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
141	ALL	587812.5	4126355	NonCancerChronicDerived_Inh	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
119	ALL	587832.5	4126335	NonCancerChronicDerived_Inh	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
36	ALL	587892.5	4126275	NonCancerChronicDerived_Inh	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
6	ALL	587912.5	4126255	NonCancerChronicDerived_Inh	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
65	ALL	587852.5	4126295	NonCancerChronicDerived_Inh	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
92	ALL	587832.5	4126315	NonCancerChronicDerived_Inh	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
35	ALL	587872.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.69E-05
118	ALL	587812.5	4126335	NonCancerChronicDerived_Inh	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
5	ALL	587892.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.29E-05
64	ALL	587832.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.07E-05
91	ALL	587812.5	4126315	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.94E-05
34	ALL	587852.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.93E-05
4	ALL	587872.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.67E-05
33	ALL	587832.5	4126275	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.45E-05
3	ALL	587852.5	4126255	NonCancerChronicDerived_Inh	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
63	ALL	587812.5	4126295	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.22E-05
2	ALL	587832.5	4126255	NonCancerChronicDerived_Inh	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.78E-05
32	ALL	587812.5	4126275	NonCancerChronicDerived_Inh	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
1	ALL	587812.5	4126255	NonCancerChronicDerived_Inh	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

HARP Project Summary Report 4/24/2019 2:23:06 PM

PROJECT INFORMATION
HARP Version: 19044
Project Name: PALMVILLAS_OPS
Project Output Directory: C:\Users\mmorales\Dropbox\10738 - Palm Villas Saratoga\HRA\PALMVILLAS_OPS
HARP Database: NA

FACILITY INFORMATION
Origin
X (m):0
Y (m):0
Zone:1
No. of Sources:0
No. of Buildings:0

EMISSION INVENTORY
No. of Pollutants:54
No. of Background Pollutants:0

Emissions

ScrID	StkID	ProID	PolID	PolAbbrev	Multi	Annual Ems (lbs/yr)	MaxHr Ems (lbs/hr)	MWAF
AREA1	0	0	71432	Benzene	1	0.0438725	0.00087745	1
AREA1	0	0	106990	1,3-Butadiene	1	0.018421	0.00036842	1
AREA1	0	0	56235	CCl4	1	0.000493225	9.86E-06	1
AREA1	0	0	106934	EDB	1	0.000591325	1.18E-05	1
AREA1	0	0	107062	EDC	1	0.000313375	6.2675E-06	1
AREA1	0	0	50000	Formaldehyde	1	0.569525	0.0114	1
AREA1	0	0	75092	Methylene Chlor	1	0.0011445	2.29E-05	1
AREA1	0	0	56553	B[a]anthracene	1	0	0	1
AREA1	0	0	50328	B[a]P	1	0	0	1
AREA1	0	0	205992	B[b]fluoranthen	1	0	0	1
AREA1	0	0	207089	B[k]fluoranthen	1	0	0	1
AREA1	0	0	218019	Chrysene	1	0	0	1
AREA1	0	0	193395	In[1,2,3-cd]pyr	1	0	0	1

AREA1 0 0 91203
Naphthalene 1 0.00269775 5.3955E-05 1
AREA1 0 0 75014 Vinyl
Chloride 1 0.00019947 3.99E-06 1
AREA1 0 0 79345
TetraClEthane 1 0.00070305 1.41E-05 1
AREA1 0 0 79005
1,1,2TriClEthan 1 0.0004251 8.502E-06 1
AREA1 0 0 75070
Acetaldehyde 1 0.0776625 0.00155 1
AREA1 0 0 107028 Acrolein
1 0.07303 0.00146 1
AREA1 0 0 7664417 NH3
1 0.0872 0.001744 1
AREA1 0 0 67663
Chloroform 1 0.0003815 7.63E-06 1
AREA1 0 0 100414 Ethyl
Benzene 1 0.000689425 1.38E-05 1
AREA1 0 0 110543 Hexane
1 0 0 1
AREA1 0 0 67561 Methanol
1 0.08502 0.0017 1
AREA1 0 0 100425 Styrene
1 0.000329725 6.59E-06 1
AREA1 0 0 108883 Toluene
1 0.01550525 0.000310105 1
AREA1 0 0 1330207 Xylenes
1 0.00542275 0.000108 1
AREA2 0 0 71432 Benzene
1 0.0322 0.000644 1
AREA2 0 0 106990 1,3-
Butadiene 1 0.01352 0.0002704 1
AREA2 0 0 56235 CCl4
1 0.000362 7.24E-06 1
AREA2 0 0 106934 EDB
1 0.000434 8.68E-06 1
AREA2 0 0 107062 EDC
1 0.00023 4.6E-06 1
AREA2 0 0 50000
Formaldehyde 1 0.418 0.00836 1
AREA2 0 0 75092 Methylene
Chlor 1 0.00084 1.68E-05 1
AREA2 0 0 56553
B[a]anthracene 1 0 0 1
AREA2 0 0 50328 B[a]P
1 0 0 1
AREA2 0 0 205992
B[b]fluoranthen 1 0 0 1
AREA2 0 0 207089
B[k]fluoranthen 1 0 0 1
AREA2 0 0 218019 Chrysene
1 0 0 1
AREA2 0 0 193395 In[1,2,3-
cd]pyr 1 0 0 1

AREA2 0 0 91203
Naphthalene 1 0.00198 3.96E-05 1
AREA2 0 0 75014 Vinyl
Chloride 1 0.0001464 2.928E-06 1
AREA2 0 0 79345
TetraClEthane 1 0.000516 1.032E-05 1
AREA2 0 0 79005
1,1,2TriClEthan 1 0.000312 6.24E-06 1
AREA2 0 0 75070
Acetaldehyde 1 0.057 0.00114 1
AREA2 0 0 107028 Acrolein
1 0.0536 0.001072 1
AREA2 0 0 7664417 NH3
1 0.064 0.00128 1
AREA2 0 0 67663
Chloroform 1 0.00028 5.6E-06 1
AREA2 0 0 100414 Ethyl
Benzene 1 0.000506 1.012E-05 1
AREA2 0 0 110543 Hexane
1 0 0 1
AREA2 0 0 67561 Methanol
1 0.0624 0.001248 1
AREA2 0 0 100425 Styrene
1 0.000242 4.84E-06 1
AREA2 0 0 108883 Toluene
1 0.01138 0.0002276 1
AREA2 0 0 1330207 Xylenes
1 0.00398 7.96E-05 1

Background
PolID PolAbbrev Conc (ug/m^3) MWAF

Ground level concentration files (\glc\)

100414MAXHR.txt
100414PER.txt
100425MAXHR.txt
100425PER.txt
106934MAXHR.txt
106934PER.txt
106990MAXHR.txt
106990PER.txt
107028MAXHR.txt
107028PER.txt
107062MAXHR.txt
107062PER.txt
108883MAXHR.txt
108883PER.txt
110543MAXHR.txt
110543PER.txt
1330207MAXHR.txt
1330207PER.txt
193395MAXHR.txt

193395PER.txt
205992MAXHR.txt
205992PER.txt
207089MAXHR.txt
207089PER.txt
218019MAXHR.txt
218019PER.txt
50000MAXHR.txt
50000PER.txt
50328MAXHR.txt
50328PER.txt
56235MAXHR.txt
56235PER.txt
56553MAXHR.txt
56553PER.txt
67561MAXHR.txt
67561PER.txt
67663MAXHR.txt
67663PER.txt
71432MAXHR.txt
71432PER.txt
75014MAXHR.txt
75014PER.txt
75070MAXHR.txt
75070PER.txt
75092MAXHR.txt
75092PER.txt
7664417MAXHR.txt
7664417PER.txt
79005MAXHR.txt
79005PER.txt
79345MAXHR.txt
79345PER.txt
91203MAXHR.txt
91203PER.txt

POLLUTANT HEALTH INFORMATION
Health Database: C:\HARP2\Tables\HEALTH17320.mdb
Health Table Version: HEALTH18232
Official: True

PolID	PolAbbrev	InhCancer	OralCancer	AcuteREL	InhChronicREL	OralChronicREL	InhChronic8HRREL
71432	Benzene	0.1		27	3		3
106990	1,3-Butadiene	0.6		660	2		9
56235	CCl4	0.15		1900	40		
106934	EDB	0.25			0.8		

107062	EDC	0.072		
400				
50000	Formaldehyde	0.021		55
9		9		
75092	Methylene Chlor	0.0035		14000
400				
56553	B[a]anthracene	0.39	1.2	
50328	B[a]P	3.9	12	
205992	B[b]fluoranthen	0.39	1.2	
207089	B[k]fluoranthen	0.39	1.2	
218019	Chrysene	0.039	0.12	
193395	In[1,2,3-cd]pyr	0.39	1.2	
91203	Naphthalene	0.12		
9				
75014	Vinyl Chloride	0.27		180000
79345	TetraClEthane	0.2		
79005	1,1,2TriClEthan	0.057		
75070	Acetaldehyde	0.01		470
140		300		
107028	Acrolein			2.5
0.35		0.7		
7664417	NH3			3200
200				
67663	Chloroform	0.019		150
300				
100414	Ethyl Benzene	0.0087		
2000				
110543	Hexane			
7000				
67561	Methanol			28000
4000				
100425	Styrene			21000
900				
108883	Toluene			37000
300				
1330207	Xylenes			22000
700				

AIR DISPERSION MODELING INFORMATION
Versions used in HARP. All executables were obtained from USEPA's Support Center for Regulatory Atmospheric Modeling website (http://www.epa.gov/scram001/)
AERMOD: 18081
AERMAP: 18081
BPIPPRM: 04274
AERPLOT: 13329

METEOROLOGICAL INFORMATION
Version:
Surface File:
Profile File:
Surface Station:
Upper Station:
On-Site Station:

LIST OF AIR DISPERSION FILES
AERMOD Input File:
AERMOD Output File:
AERMOD Error File:
Plotfile list
_____

LIST OF RISK ASSESSMENT FILES
Health risk analysis files (\hra\)
_____
PalmVillas_Ops_Unm_CancerRisk.csv
PalmVillas_Ops_Unm_CancerRiskSumByRec.csv
PalmVillas_Ops_Unm_GLCList.csv
PalmVillas_Ops_Unm_HRAInput.hra
PalmVillas_Ops_Unm_NCAcuteRisk.csv
PalmVillas_Ops_Unm_NCAcuteRiskSumByRec.csv
PalmVillas_Ops_Unm_NCChronicRisk.csv
PalmVillas_Ops_Unm_NCChronicRiskSumByRec.csv
PalmVillas_Ops_Unm_Output.txt
PalmVillas_Ops_Unm_PathwayRec.csv
PalmVillas_Ops_Unm_PolDB.csv

Spatial averaging files (\sa\)
_____

Palm Villas Saratoga - Operational Health Risk Assessment - Cancer Risk, Unmitigated
*HARP - HRACalc v19044 4/24/2019 2:22:48 PM - Cancer Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	RISK_SUM	SCENARIO	INH_RISK	SOIL_RISK	DERMAL_R	MMILK_RIS	WATER_RI	FISH_RISK	CROP_RISK	BEEF_RISK	DAIRY_RISI	PIG_RISK	CHICKEN_F	EGG_RISK
357	ALL		588052.5	4126635	4.41E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-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
335	ALL		588052.5	4126615	4.10E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
356	ALL		588032.5	4126635	3.97E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
380	ALL		588032.5	4126655	3.78E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
334	ALL		588032.5	4126615	3.45E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.45E-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
379	ALL		588012.5	4126655	3.41E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.41E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
355	ALL		588012.5	4126635	3.25E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.25E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
405	ALL		588032.5	4126675	3.22E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
406	ALL		588052.5	4126675	3.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
404	ALL		588012.5	4126675	3.10E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
378	ALL		587992.5	4126655	2.92E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
407	ALL		588072.5	4126675	2.83E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
403	ALL		587992.5	4126675	2.82E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.82E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
333	ALL		588012.5	4126615	2.68E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
316	ALL		588052.5	4126595	2.68E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.68E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
435	ALL		588012.5	4126695	2.66E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
354	ALL		587992.5	4126635	2.65E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
436	ALL		588032.5	4126695	2.63E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
434	ALL		587992.5	4126695	2.54E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
437	ALL		588052.5	4126695	2.50E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
402	ALL		587972.5	4126675	2.48E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
377	ALL		587972.5	4126655	2.43E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
433	ALL		587972.5	4126695	2.34E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
315	ALL		588032.5	4126595	2.30E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
408	ALL		588092.5	4126675	2.22E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.22E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
466	ALL		588012.5	4126715	2.21E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
465	ALL		587992.5	4126715	2.19E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
467	ALL		588032.5	4126715	2.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
353	ALL		587972.5	4126635	2.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
438	ALL		588072.5	4126695	2.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
401	ALL		587952.5	4126675	2.13E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
332	ALL		587992.5	4126615	2.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
432	ALL		587952.5	4126695	2.10E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
464	ALL		587972.5	4126715	2.08E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
409	ALL		588112.5	4126675	2.08E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
468	ALL		588052.5	4126715	2.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
376	ALL		587952.5	4126655	2.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
463	ALL		587952.5	4126715	1.97E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.97E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
496	ALL		587992.5	4126735	1.85E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
497	ALL		588012.5	4126735	1.85E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
431	ALL		587932.5	4126695	1.85E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.85E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
495	ALL		587972.5	4126735	1.84E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
314	ALL		588012.5	4126595	1.84E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.84E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
400	ALL		587932.5	4126675	1.81E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.81E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
494	ALL		587952.5	4126735	1.79E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.79E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
462	ALL		587932.5	4126715	1.78E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.78E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
498	ALL		588032.5	4126735	1.77E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.77E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
331	ALL		587972.5	4126615	1.70E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.70E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
410	ALL		588132.5	4126675	1.69E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
352	ALL		587952.5	4126635	1.69E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
439	ALL		588092.5	4126695	1.69E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.69E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
440	ALL		588112.5	4126695	1.67E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.67E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
375	ALL		587932.5	4126655	1.65E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.65E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
493	ALL		587932.5	4126735	1.64E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.64E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
499	ALL		588052.5	4126735	1.63E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.63E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
526	ALL		587972.5	4126755	1.60E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
430	ALL		587912.5	4126695	1.60E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
469	ALL		588072.5	4126715	1.60E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.60E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
525	ALL		587952.5	4126755	1.59E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.59E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
461	ALL		587912.5	4126715	1.58E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.58E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
470	ALL		588092.5	4126715	1.56E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.56E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
527	ALL		587992.5	4126755	1.55E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.55E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
303	ALL		588052.5	4126575	1.54E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
528	ALL		588012.5	4126755	1.54E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.54E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
399	ALL		587912.5	4126675	1.52E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.52E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
492	ALL		587912.5	4126735	1.50E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.50E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
313	ALL		587992.5	4126595	1.49E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
524	ALL		587932.5	4126755	1.48E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
529	ALL		588032.5	4126755	1.46E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.46E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
223	ALL		588352.5	4126435	1.44E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
209	ALL		588332.5	4126415	1.43E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.43E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
441	ALL		588132.5	4126695	1.40E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
523	ALL		587912.5	4126755	1.40E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.40E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
302	ALL		588032.5	4126575	1.39E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
557	ALL		587972.5	4126775	1.39E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
556	ALL		587952.5	4126775	1.39E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.39E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
381	ALL		588172.5	4126655	1.38E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
351	ALL		587932.5	4126635	1.38E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
471	ALL		588112.5	4126715	1.38E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
460	ALL		587892.5	4126715	1.38E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
411	ALL		588152.5	4126675	1.37E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
374	ALL		587912.5	4126655	1.37E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
429	ALL		587892.5	4126695	1.36E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.36E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
530	ALL		588052.5	4126755	1.35E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.35E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
491	ALL		587892.5	4126735	1.34E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
330	ALL		587952.5	4126615	1.34E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
210	ALL		588352.5	4126415	1.34E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.34E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
555	ALL		587932.5	4126775	1.33E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
558	ALL		587992.5	4126775	1.33E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
501	ALL		588092.5	4126735	1.33E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
500	ALL		588072.5	4126735	1.33E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
193	ALL		588312.5	4126395	1.32E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-08	0.00E+00	0.00

225	ALL	588392.5	4126435	1.19E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
428	ALL	587872.5	4126695	1.18E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
301	ALL	588012.5	4126575	1.18E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
237	ALL	588392.5	4126455	1.18E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
586	ALL	587932.5	4126795	1.17E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
587	ALL	587952.5	4126795	1.17E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
472	ALL	588132.5	4126715	1.17E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
382	ALL	588192.5	4126655	1.17E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.17E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
196	ALL	588372.5	4126395	1.16E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
358	ALL	588212.5	4126635	1.16E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
412	ALL	588172.5	4126675	1.16E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
588	ALL	587972.5	4126795	1.16E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
442	ALL	588152.5	4126695	1.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
175	ALL	588312.5	4126375	1.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
373	ALL	587892.5	4126655	1.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
585	ALL	587912.5	4126795	1.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
552	ALL	587872.5	4126775	1.15E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.15E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
502	ALL	588112.5	4126735	1.14E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
212	ALL	588392.5	4126415	1.14E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
350	ALL	587912.5	4126635	1.13E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
174	ALL	588292.5	4126375	1.13E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
176	ALL	588332.5	4126375	1.12E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
561	ALL	588052.5	4126775	1.12E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
589	ALL	587992.5	4126795	1.12E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
489	ALL	587852.5	4126735	1.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
584	ALL	587892.5	4126795	1.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
520	ALL	587852.5	4126755	1.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
177	ALL	588352.5	4126375	1.11E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
397	ALL	587872.5	4126675	1.10E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
329	ALL	587932.5	4126615	1.10E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.10E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
458	ALL	587852.5	4126715	1.09E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
197	ALL	588392.5	4126395	1.09E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
583	ALL	587872.5	4126795	1.08E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
590	ALL	588012.5	4126795	1.08E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
226	ALL	588412.5	4126435	1.08E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
551	ALL	587852.5	4126775	1.07E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
178	ALL	588372.5	4126375	1.07E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
238	ALL	588412.5	4126455	1.07E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.07E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
213	ALL	588412.5	4126415	1.06E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
617	ALL	587932.5	4126815	1.04E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
311	ALL	587952.5	4126595	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
427	ALL	587852.5	4126695	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
300	ALL	587992.5	4126575	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
616	ALL	587912.5	4126815	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
591	ALL	588032.5	4126795	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
562	ALL	588072.5	4126775	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
618	ALL	587952.5	4126815	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
532	ALL	588092.5	4126755	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
582	ALL	587852.5	4126795	1.03E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
179	ALL	588392.5	4126375	1.02E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
336	ALL	588252.5	4126615	1.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
198	ALL	588412.5	4126395	1.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
359	ALL	588232.5	4126635	1.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
248	ALL	588412.5	4126475	1.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
157	ALL	588332.5	4126355	1.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
615	ALL	587892.5	4126815	1.01E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
158	ALL	588352.5	4126355	1.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
519	ALL	587832.5	4126755	1.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
383	ALL	588212.5	4126655	1.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
488	ALL	587832.5	4126735	1.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
619	ALL	587972.5	4126815	1.00E-08	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.00E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
156	ALL	588312.5	4126355	9.99E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
614	ALL	587872.5	4126815	9.93E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
413	ALL	588192.5	4126675	9.89E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
550	ALL	587832.5	4126775	9.89E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
503	ALL	588132.5	4126735	9.82E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
372	ALL	587872.5	4126655	9.71E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
443	ALL	588172.5	4126695	9.70E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
473	ALL	588152.5	4126715	9.70E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
159	ALL	588372.5	4126355	9.69E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
180	ALL	588412.5	4126375	9.69E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
457	ALL	587832.5	4126715	9.63E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
533	ALL	588112.5	4126755	9.63E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
620	ALL	587992.5	4126815	9.58E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
155	ALL	588292.5	4126355	9.58E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
613	ALL	587852.5	4126815	9.57E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
592	ALL	588052.5	4126795	9.52E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
349	ALL	587892.5	4126635	9.52E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
581	ALL	587832.5	4126795	9.51E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
396	ALL	587852.5	4126675	9.43E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
160	ALL	588392.5	4126355	9.39E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
328	ALL	587912.5	4126615	9.28E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
621	ALL	588012.5	4126815	9.18E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
647	ALL	587912.5	4126835	9.11E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
646	ALL	587892.5	4126835	9.09E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
518	ALL	587812.5	4126755	9.07E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
161	ALL	588412.5	4126355	9.06E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
612	ALL	587832.5	4126815	9.06E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
648	ALL	587932.5	4126835	9.05E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
549	ALL	587812.5	4126775	9.01E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
426	ALL	587832.5	4126695	9.00E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
645	ALL	587872.5	4126835	8.99E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
137	ALL	588352.5	4126335	8.92E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
337	ALL	588272.5	4126615	8.91E-09	30YrC

444	ALL	588192.5	4126695	8.44E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
643	ALL	587832.5	4126835	8.43E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
534	ALL	588132.5	4126755	8.41E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
677	ALL	587892.5	4126855	8.37E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
140	ALL	588412.5	4126335	8.35E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
474	ALL	588172.5	4126715	8.33E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
678	ALL	587912.5	4126855	8.30E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
676	ALL	587872.5	4126855	8.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
371	ALL	587852.5	4126655	8.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
504	ALL	588152.5	4126735	8.28E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
563	ALL	588092.5	4126775	8.26E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
651	ALL	587992.5	4126835	8.25E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
564	ALL	588112.5	4126775	8.24E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
134	ALL	588292.5	4126335	8.20E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
679	ALL	587932.5	4126855	8.19E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
395	ALL	587832.5	4126675	8.17E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
623	ALL	588052.5	4126815	8.14E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
675	ALL	587852.5	4126855	8.14E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
348	ALL	587872.5	4126635	8.10E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
317	ALL	588312.5	4126595	8.07E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
642	ALL	587812.5	4126835	8.06E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
680	ALL	587952.5	4126855	7.98E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
289	ALL	588012.5	4126555	7.96E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
674	ALL	587832.5	4126855	7.95E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
115	ALL	588372.5	4126315	7.95E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
652	ALL	588012.5	4126835	7.93E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
114	ALL	588352.5	4126315	7.90E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
425	ALL	587812.5	4126695	7.88E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
327	ALL	587892.5	4126615	7.84E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
594	ALL	588092.5	4126795	7.84E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
116	ALL	588392.5	4126315	7.84E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
338	ALL	588292.5	4126615	7.81E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
113	ALL	588332.5	4126315	7.74E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
385	ALL	588252.5	4126655	7.71E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
361	ALL	588272.5	4126635	7.71E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
681	ALL	587972.5	4126855	7.71E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.71E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
673	ALL	587812.5	4126855	7.69E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
117	ALL	588412.5	4126315	7.68E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
653	ALL	588032.5	4126835	7.61E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
133	ALL	588272.5	4126335	7.61E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
415	ALL	588232.5	4126675	7.59E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
624	ALL	588072.5	4126815	7.50E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
298	ALL	587952.5	4126575	7.47E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
112	ALL	588312.5	4126315	7.47E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
309	ALL	587912.5	4126595	7.38E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
445	ALL	588212.5	4126695	7.33E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
682	ALL	587992.5	4126855	7.30E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
475	ALL	588192.5	4126715	7.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
565	ALL	588132.5	4126775	7.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
505	ALL	588172.5	4126735	7.22E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
535	ALL	588152.5	4126755	7.18E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
88	ALL	588372.5	4126295	7.15E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
288	ALL	587992.5	4126555	7.14E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
89	ALL	588392.5	4126295	7.14E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
370	ALL	587832.5	4126655	7.14E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
111	ALL	588292.5	4126315	7.12E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
394	ALL	587812.5	4126675	7.08E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
654	ALL	588052.5	4126835	7.04E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
90	ALL	588412.5	4126295	7.03E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
87	ALL	588352.5	4126295	7.00E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
318	ALL	588332.5	4126595	6.98E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
347	ALL	587852.5	4126635	6.92E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
683	ALL	588012.5	4126855	6.91E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
339	ALL	588312.5	4126615	6.87E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.87E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
86	ALL	588332.5	4126295	6.85E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
625	ALL	588092.5	4126815	6.84E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
386	ALL	588272.5	4126655	6.84E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.84E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
595	ALL	588112.5	4126795	6.82E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
362	ALL	588292.5	4126635	6.80E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.80E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
416	ALL	588252.5	4126675	6.75E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
326	ALL	587872.5	4126615	6.69E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
684	ALL	588032.5	4126855	6.63E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.63E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
446	ALL	588232.5	4126695	6.61E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
85	ALL	588312.5	4126295	6.56E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
287	ALL	587972.5	4126555	6.52E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
655	ALL	588072.5	4126835	6.50E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
110	ALL	588272.5	4126315	6.49E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
61	ALL	588392.5	4126275	6.48E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
62	ALL	588412.5	4126275	6.44E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
297	ALL	587932.5	4126575	6.43E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
476	ALL	588212.5	4126715	6.40E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
60	ALL	588372.5	4126275	6.38E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
506	ALL	588192.5	4126735	6.32E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
596	ALL	588132.5	4126795	6.32E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
536	ALL	588172.5	4126755	6.31E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
308	ALL	587892.5	4126595	6.30E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
566	ALL	588152.5	4126775	6.30E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
59	ALL	588352.5	4126275	6.27E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
319	ALL	588352.5	4126595	6.20E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
369	ALL	587812.5	4126655	6.19E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
685	ALL	588052.5	4126855	6.16E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
84	ALL	588292.5	4126295	6.15E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
387	ALL	588292.5	4126655	6.11E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
340	ALL	588332.5	4126615	6.09E-09	30YrC

83	ALL	588272.5	4126295	5.62E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.62E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
507	ALL	588212.5	4126735	5.61E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
627	ALL	588132.5	4126815	5.58E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
537	ALL	588192.5	4126755	5.58E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.58E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
597	ALL	588152.5	4126795	5.57E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
286	ALL	587952.5	4126555	5.57E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
28	ALL	588352.5	4126255	5.57E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
567	ALL	588172.5	4126775	5.55E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
388	ALL	588312.5	4126655	5.48E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
418	ALL	588292.5	4126675	5.47E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
307	ALL	587872.5	4126595	5.44E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
364	ALL	588332.5	4126635	5.43E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
448	ALL	588272.5	4126695	5.39E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.39E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
341	ALL	588352.5	4126615	5.37E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
27	ALL	588332.5	4126255	5.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
345	ALL	587812.5	4126635	5.28E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
56	ALL	588292.5	4126275	5.25E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
687	ALL	588092.5	4126855	5.23E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
478	ALL	588252.5	4126715	5.21E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
657	ALL	588112.5	4126835	5.16E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
276	ALL	587992.5	4126535	5.12E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
108	ALL	588232.5	4126315	5.09E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
508	ALL	588232.5	4126735	5.06E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
324	ALL	587832.5	4126615	5.05E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
321	ALL	588392.5	4126595	5.04E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
419	ALL	588312.5	4126675	4.97E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
82	ALL	588252.5	4126295	4.97E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
628	ALL	588152.5	4126815	4.97E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
26	ALL	588312.5	4126255	4.96E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
658	ALL	588132.5	4126835	4.96E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
538	ALL	588212.5	4126755	4.96E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
285	ALL	587932.5	4126555	4.95E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
295	ALL	587892.5	4126575	4.95E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
389	ALL	588332.5	4126655	4.94E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
598	ALL	588172.5	4126795	4.93E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
449	ALL	588292.5	4126695	4.93E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
568	ALL	588192.5	4126775	4.93E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
342	ALL	588372.5	4126615	4.91E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.91E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
55	ALL	588272.5	4126275	4.85E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
479	ALL	588272.5	4126715	4.82E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
306	ALL	587852.5	4126595	4.81E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
688	ALL	588112.5	4126855	4.81E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.81E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
365	ALL	588352.5	4126635	4.79E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.79E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
275	ALL	587972.5	4126535	4.77E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.77E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
509	ALL	588252.5	4126735	4.61E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
25	ALL	588292.5	4126255	4.56E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.56E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
322	ALL	588412.5	4126595	4.54E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.54E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
539	ALL	588232.5	4126755	4.49E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
323	ALL	587812.5	4126615	4.49E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
450	ALL	588312.5	4126695	4.48E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
284	ALL	587912.5	4126555	4.48E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
420	ALL	588332.5	4126675	4.47E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
659	ALL	588152.5	4126835	4.44E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
480	ALL	588292.5	4126715	4.42E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
343	ALL	588392.5	4126615	4.41E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
569	ALL	588212.5	4126775	4.41E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
390	ALL	588352.5	4126655	4.41E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
629	ALL	588172.5	4126815	4.40E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.40E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
599	ALL	588192.5	4126795	4.37E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
294	ALL	587872.5	4126575	4.37E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
274	ALL	587952.5	4126535	4.36E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
366	ALL	588372.5	4126635	4.33E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
689	ALL	588132.5	4126855	4.33E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
510	ALL	588272.5	4126735	4.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
81	ALL	588232.5	4126295	4.28E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
54	ALL	588252.5	4126275	4.24E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
305	ALL	587832.5	4126595	4.19E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
24	ALL	588272.5	4126255	4.12E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
540	ALL	588252.5	4126755	4.12E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
421	ALL	588352.5	4126675	4.08E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
451	ALL	588332.5	4126695	4.08E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
481	ALL	588312.5	4126715	4.05E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
391	ALL	588372.5	4126655	4.03E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
570	ALL	588232.5	4126775	4.01E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
690	ALL	588152.5	4126855	4.00E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
344	ALL	588412.5	4126615	3.99E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
511	ALL	588292.5	4126735	3.98E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
660	ALL	588172.5	4126835	3.97E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
367	ALL	588392.5	4126635	3.97E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.97E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
283	ALL	587892.5	4126555	3.96E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
630	ALL	588192.5	4126815	3.95E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.95E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
293	ALL	587852.5	4126575	3.94E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
600	ALL	588212.5	4126795	3.94E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
273	ALL	587932.5	4126535	3.88E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.88E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
541	ALL	588272.5	4126755	3.82E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.82E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
452	ALL	588352.5	4126695	3.76E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.76E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
482	ALL	588332.5	4126715	3.74E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
304	ALL	587812.5	4126595	3.73E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
422	ALL	588372.5	4126675	3.73E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
392	ALL	588392.5	4126655	3.70E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
23	ALL	588252.5	4126255	3.70E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.70E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
512	ALL	588312.5	4126735	3.68E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.68E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
571	ALL	588252.5	4126775	3.67E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
368	ALL	588412.5	4126635	3.66E-09	30YrC

632	ALL	588232.5	4126815	3.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
281	ALL	587852.5	4126555	3.27E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
662	ALL	588212.5	4126835	3.26E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
692	ALL	588192.5	4126855	3.26E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
271	ALL	587892.5	4126535	3.23E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
573	ALL	588292.5	4126775	3.21E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
484	ALL	588372.5	4126715	3.17E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.17E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
454	ALL	588392.5	4126695	3.16E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
291	ALL	587812.5	4126575	3.15E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
22	ALL	588232.5	4126255	3.14E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
514	ALL	588352.5	4126735	3.13E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
424	ALL	588412.5	4126675	3.13E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
603	ALL	588272.5	4126795	3.12E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
264	ALL	587932.5	4126515	3.09E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
544	ALL	588332.5	4126755	3.09E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
52	ALL	588212.5	4126275	3.09E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
633	ALL	588252.5	4126815	3.03E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
574	ALL	588312.5	4126775	3.02E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
663	ALL	588232.5	4126835	2.99E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
693	ALL	588212.5	4126855	2.98E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.98E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
270	ALL	587872.5	4126535	2.93E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
604	ALL	588292.5	4126795	2.93E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
280	ALL	587832.5	4126555	2.93E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.93E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
515	ALL	588372.5	4126735	2.92E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
455	ALL	588412.5	4126695	2.92E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
485	ALL	588392.5	4126715	2.92E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
545	ALL	588352.5	4126755	2.90E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
263	ALL	587912.5	4126515	2.85E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.85E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
575	ALL	588332.5	4126775	2.83E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
634	ALL	588272.5	4126815	2.83E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.83E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
664	ALL	588252.5	4126835	2.75E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.75E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
694	ALL	588232.5	4126855	2.74E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
605	ALL	588312.5	4126795	2.74E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.74E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
516	ALL	588392.5	4126735	2.73E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
257	ALL	587972.5	4126495	2.73E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.73E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
546	ALL	588372.5	4126755	2.72E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
486	ALL	588412.5	4126715	2.72E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.72E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
269	ALL	587852.5	4126535	2.69E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.69E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
576	ALL	588352.5	4126775	2.67E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.67E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
21	ALL	588212.5	4126255	2.66E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.66E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
635	ALL	588292.5	4126815	2.65E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
279	ALL	587812.5	4126555	2.65E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.65E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
51	ALL	588192.5	4126275	2.61E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
262	ALL	587892.5	4126515	2.61E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.61E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
256	ALL	587952.5	4126495	2.60E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.60E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
606	ALL	588332.5	4126795	2.59E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.59E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
665	ALL	588272.5	4126835	2.57E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.57E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
547	ALL	588392.5	4126755	2.55E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
517	ALL	588412.5	4126735	2.55E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.55E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
695	ALL	588252.5	4126855	2.52E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.52E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
636	ALL	588312.5	4126815	2.50E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
577	ALL	588372.5	4126775	2.50E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
255	ALL	587932.5	4126495	2.50E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.50E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
268	ALL	587832.5	4126535	2.47E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.47E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
607	ALL	588352.5	4126795	2.44E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
261	ALL	587872.5	4126515	2.43E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.43E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
666	ALL	588292.5	4126835	2.42E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
637	ALL	588332.5	4126815	2.38E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
548	ALL	588412.5	4126755	2.38E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
696	ALL	588272.5	4126855	2.36E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.36E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
578	ALL	588392.5	4126775	2.35E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.35E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
608	ALL	588372.5	4126795	2.31E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.31E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
254	ALL	587912.5	4126495	2.30E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
667	ALL	588312.5	4126835	2.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
267	ALL	587812.5	4126535	2.27E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
20	ALL	588192.5	4126255	2.25E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
638	ALL	588352.5	4126815	2.25E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
260	ALL	587852.5	4126515	2.25E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
579	ALL	588412.5	4126775	2.21E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
697	ALL	588292.5	4126855	2.21E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.21E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
668	ALL	588332.5	4126835	2.19E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
609	ALL	588392.5	4126795	2.19E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
247	ALL	587972.5	4126475	2.18E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
253	ALL	587892.5	4126495	2.15E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
50	ALL	588172.5	4126275	2.15E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.15E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
698	ALL	588312.5	4126855	2.11E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
639	ALL	588372.5	4126815	2.10E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.10E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
259	ALL	587832.5	4126515	2.09E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
669	ALL	588352.5	4126835	2.09E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
246	ALL	587952.5	4126475	2.07E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.07E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
610	ALL	588412.5	4126795	2.05E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
252	ALL	587872.5	4126495	2.02E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
699	ALL	588332.5	4126855	2.01E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
640	ALL	588392.5	4126815	2.01E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
80	ALL	588152.5	4126295	2.00E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	2.00E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
245	ALL	587932.5	4126475	1.99E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.99E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
670	ALL	588372.5	4126835	1.96E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.96E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
258	ALL	587812.5	4126515	1.94E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.94E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
641	ALL	588412.5	4126815	1.92E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
700	ALL	588352.5	4126855	1.92E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.92E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
244	ALL	587912.5	4126475	1.90E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.90E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
251	ALL	587852.5	4126495	1.89E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
671	ALL	588392.5	4126835	1.89E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.89E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
107	ALL	588132.5	4126315	1.88E-09	30YrCancerD

231	ALL	587892.5	4126455	1.51E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.51E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
222	ALL	587972.5	4126435	1.49E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.49E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
132	ALL	588092.5	4126335	1.48E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.48E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
48	ALL	588132.5	4126275	1.45E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.45E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
230	ALL	587872.5	4126455	1.44E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
239	ALL	587812.5	4126475	1.44E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.44E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
154	ALL	588072.5	4126355	1.42E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
221	ALL	587952.5	4126435	1.42E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.42E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
78	ALL	588112.5	4126295	1.38E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.38E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
229	ALL	587852.5	4126455	1.37E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.37E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
220	ALL	587932.5	4126435	1.33E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.33E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
228	ALL	587832.5	4126455	1.32E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
208	ALL	587992.5	4126415	1.32E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.32E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
105	ALL	588092.5	4126315	1.30E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.30E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
17	ALL	588132.5	4126255	1.29E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.29E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
219	ALL	587912.5	4126435	1.28E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.28E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
131	ALL	588072.5	4126335	1.27E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.27E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
227	ALL	587812.5	4126455	1.26E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
191	ALL	588012.5	4126395	1.26E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.26E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
206	ALL	587952.5	4126415	1.25E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
207	ALL	587972.5	4126415	1.25E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.25E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
218	ALL	587892.5	4126435	1.24E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.24E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
153	ALL	588052.5	4126355	1.23E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
173	ALL	588032.5	4126375	1.23E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.23E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
47	ALL	588112.5	4126275	1.22E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.22E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
217	ALL	587872.5	4126435	1.20E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.20E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
205	ALL	587932.5	4126415	1.19E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.19E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
77	ALL	588092.5	4126295	1.18E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.18E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
216	ALL	587852.5	4126435	1.16E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
190	ALL	587992.5	4126395	1.16E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.16E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
104	ALL	588072.5	4126315	1.14E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.14E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
130	ALL	588052.5	4126335	1.13E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.13E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
172	ALL	588012.5	4126375	1.12E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
152	ALL	588032.5	4126355	1.12E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
215	ALL	587832.5	4126435	1.12E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.12E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
204	ALL	587912.5	4126415	1.11E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.11E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
16	ALL	588112.5	4126255	1.09E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.09E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
214	ALL	587812.5	4126435	1.08E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
189	ALL	587972.5	4126395	1.08E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.08E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
46	ALL	588092.5	4126275	1.06E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.06E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
203	ALL	587892.5	4126415	1.05E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.05E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
171	ALL	587992.5	4126375	1.04E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.04E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
76	ALL	588072.5	4126295	1.03E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.03E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
202	ALL	587872.5	4126415	1.02E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
103	ALL	588052.5	4126315	1.02E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.02E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
188	ALL	587952.5	4126395	1.01E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
151	ALL	588012.5	4126355	1.01E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
129	ALL	588032.5	4126335	1.01E-09	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	1.01E-09	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
186	ALL	587912.5	4126395	9.90E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.90E-10	0.00E+00	0.00E+00	0.00E+00	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	587852.5	4126415	9.89E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.89E-10	0.00E+00	0.00E+00	0.00E+00	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	587932.5	4126395	9.87E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.87E-10	0.00E+00	0.00E+00	0.00E+00	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	587892.5	4126395	9.58E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.58E-10	0.00E+00	0.00E+00	0.00E+00	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	587972.5	4126375	9.54E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.54E-10	0.00E+00	0.00E+00	0.00E+00	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	587832.5	4126415	9.54E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.54E-10	0.00E+00	0.00E+00	0.00E+00	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	588092.5	4126255	9.52E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.52E-10	0.00E+00	0.00E+00	0.00E+00	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	588072.5	4126275	9.37E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.37E-10	0.00E+00	0.00E+00	0.00E+00	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	587812.5	4126415	9.32E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.32E-10	0.00E+00	0.00E+00	0.00E+00	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	587992.5	4126355	9.29E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.29E-10	0.00E+00	0.00E+00	0.00E+00	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	588012.5	4126335	9.19E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.19E-10	0.00E+00	0.00E+00	0.00E+00	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	588052.5	4126295	9.19E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.19E-10	0.00E+00	0.00E+00	0.00E+00	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	588032.5	4126315	9.09E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	9.09E-10	0.00E+00	0.00E+00	0.00E+00	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	587952.5	4126375	8.94E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.94E-10	0.00E+00	0.00E+00	0.00E+00	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	587872.5	4126395	8.68E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.68E-10	0.00E+00	0.00E+00	0.00E+00	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	587972.5	4126355	8.58E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.58E-10	0.00E+00	0.00E+00	0.00E+00	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	588072.5	4126255	8.47E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.47E-10	0.00E+00	0.00E+00	0.00E+00	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	588052.5	4126275	8.46E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.46E-10	0.00E+00	0.00E+00	0.00E+00	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	587932.5	4126375	8.43E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.43E-10	0.00E+00	0.00E+00	0.00E+00	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	587992.5	4126335	8.41E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.41E-10	0.00E+00	0.00E+00	0.00E+00	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	587852.5	4126395	8.38E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.38E-10	0.00E+00	0.00E+00	0.00E+00	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	588032.5	4126295	8.34E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.34E-10	0.00E+00	0.00E+00	0.00E+00	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	588012.5	4126315	8.27E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.27E-10	0.00E+00	0.00E+00	0.00E+00	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	587832.5	4126395	8.13E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.13E-10	0.00E+00	0.00E+00	0.00E+00	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	587872.5	4126375	8.12E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.12E-10	0.00E+00	0.00E+00	0.00E+00	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	587912.5	4126375	8.08E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.08E-10	0.00E+00	0.00E+00	0.00E+00	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	587952.5	4126355	8.02E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.02E-10	0.00E+00	0.00E+00	0.00E+00	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	587812.5	4126395	8.02E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.02E-10	0.00E+00	0.00E+00	0.00E+00	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	587892.5	4126375	8.00E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	8.00E-10	0.00E+00	0.00E+00	0.00E+00	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	587972.5	4126335	7.79E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.79E-10	0.00E+00	0.00E+00	0.00E+00	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	588052.5	4126255	7.68E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.68E-10	0.00E+00	0.00E+00	0.00E+00	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	588032.5	4126275	7.60E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.60E-10	0.00E+00	0.00E+00	0.00E+00	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	587992.5	4126315	7.58E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.58E-10	0.00E+00	0.00E+00	0.00E+00	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	588012.5	4126295	7.56E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.56E-10	0.00E+00	0.00E+00	0.00E+00	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	587932.5	4126355	7.53E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.53E-10	0.00E+00	0.00E+00	0.00E+00	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	587852.5	4126375	7.36E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.36E-10	0.00E+00	0.00E+00	0.00E+00	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	587952.5	4126335	7.24E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.24E-10	0.00E+00	0.00E+00	0.00E+00	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	587912.5	4126355	7.19E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.19E-10	0.00E+00	0.00E+00	0.00E+00	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	587972.5	4126315	7.12E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.12E-10	0.00E+00	0.00E+00	0.00E+00	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	587832.5	4126375	7.12E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.12E-10	0.00E+00	0.00E+00	0.00E+00	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	588032.5	4126255	7.00E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	7.00E-10	0.00E+00	0.00E+00	0.00E+00	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	588012.5	4126275	6.99E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.99E-10	0.00E+00	0.00E+00	0.00E+00	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	587992.5	4126295	6.98E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.98E-10	0.00E+00	0.00E+00	0.00E+00	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	587812.5	4126375	6.97E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.97E-10	0.00E+00	0.00E+00	0.00E+00	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	587892.5	4126355	6.91E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	6.91E-10	0.00E+00	0.00E+00	0.00E+00	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	587872.5	4126355	6.80E-10	30YrC

39	ALL	587952.5	4126275	5.61E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.61E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587832.5	4126335	5.60E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.60E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587872.5	4126315	5.52E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.52E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587972.5	4126255	5.50E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.50E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587812.5	4126335	5.45E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.45E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587912.5	4126295	5.42E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.42E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587852.5	4126315	5.41E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587932.5	4126275	5.28E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.28E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587872.5	4126295	5.24E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.24E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587952.5	4126255	5.23E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.23E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587892.5	4126295	5.15E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.15E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587832.5	4126315	5.12E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.12E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587912.5	4126275	5.00E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	5.00E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587812.5	4126315	4.90E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587932.5	4126255	4.90E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.90E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587852.5	4126295	4.89E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.89E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587892.5	4126275	4.73E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.73E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587872.5	4126275	4.70E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.70E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587832.5	4126295	4.69E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587912.5	4126255	4.63E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.63E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587852.5	4126275	4.41E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587812.5	4126295	4.41E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.41E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587892.5	4126255	4.40E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.40E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587832.5	4126275	4.35E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.35E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587852.5	4126255	4.21E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587872.5	4126255	4.21E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.21E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587812.5	4126275	4.10E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	4.10E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	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	587832.5	4126255	3.96E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.96E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1	ALL	587812.5	4126255	3.69E-10	30YrCancerDerived_InhSoilDermMMilk_FAH16to70	3.69E-10	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Palm Villas Saratoga - Operational Health Risk Assessment - Acute Risk, Unmitigated
*HARP - HRACalc v19044 4/24/2019 2:22:48 PM - Acute Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVE	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
335	ALL		588052.5	4126615	NonCancerAcute	5.91E-07	4.76E-05	1.17E-02	0.00E+00	1.88E-06	1.20E-02	2.12E-01	0.00E+00	2.87E-01	0.00E+00	0.00E+00	1.17E-02	0.00E+00	0.00E+00	2.87E-01
316	ALL		588052.5	4126595	NonCancerAcute	5.52E-07	4.45E-05	1.10E-02	0.00E+00	1.75E-06	1.12E-02	1.98E-01	0.00E+00	2.68E-01	0.00E+00	0.00E+00	1.10E-02	0.00E+00	0.00E+00	2.68E-01
357	ALL		588052.5	4126635	NonCancerAcute	5.40E-07	4.35E-05	1.07E-02	0.00E+00	1.71E-06	1.09E-02	1.94E-01	0.00E+00	2.63E-01	0.00E+00	0.00E+00	1.07E-02	0.00E+00	0.00E+00	2.63E-01
303	ALL		588052.5	4126575	NonCancerAcute	5.21E-07	4.20E-05	1.04E-02	0.00E+00	1.65E-06	1.06E-02	1.87E-01	0.00E+00	2.53E-01	0.00E+00	0.00E+00	1.04E-02	0.00E+00	0.00E+00	2.53E-01
334	ALL		588032.5	4126615	NonCancerAcute	4.58E-07	3.69E-05	9.10E-03	0.00E+00	1.45E-06	9.27E-03	1.65E-01	0.00E+00	2.23E-01	0.00E+00	0.00E+00	9.10E-03	0.00E+00	0.00E+00	2.23E-01
356	ALL		588032.5	4126635	NonCancerAcute	4.30E-07	3.46E-05	8.53E-03	0.00E+00	1.36E-06	8.70E-03	1.54E-01	0.00E+00	2.09E-01	0.00E+00	0.00E+00	8.53E-03	0.00E+00	0.00E+00	2.09E-01
410	ALL		588132.5	4126675	NonCancerAcute	4.25E-07	3.42E-05	8.44E-03	0.00E+00	1.35E-06	8.60E-03	1.53E-01	0.00E+00	2.06E-01	0.00E+00	0.00E+00	8.44E-03	0.00E+00	0.00E+00	2.06E-01
409	ALL		588112.5	4126675	NonCancerAcute	4.15E-07	3.35E-05	8.25E-03	0.00E+00	1.32E-06	8.41E-03	1.49E-01	0.00E+00	2.02E-01	0.00E+00	0.00E+00	8.25E-03	0.00E+00	0.00E+00	2.02E-01
408	ALL		588092.5	4126675	NonCancerAcute	4.09E-07	3.29E-05	8.12E-03	0.00E+00	1.30E-06	8.27E-03	1.47E-01	0.00E+00	1.99E-01	0.00E+00	0.00E+00	8.12E-03	0.00E+00	0.00E+00	1.99E-01
407	ALL		588072.5	4126675	NonCancerAcute	3.99E-07	3.21E-05	7.92E-03	0.00E+00	1.27E-06	8.08E-03	1.43E-01	0.00E+00	1.94E-01	0.00E+00	0.00E+00	7.92E-03	0.00E+00	0.00E+00	1.94E-01
315	ALL		588032.5	4126595	NonCancerAcute	3.97E-07	3.19E-05	7.88E-03	0.00E+00	1.26E-06	8.03E-03	1.43E-01	0.00E+00	1.93E-01	0.00E+00	0.00E+00	7.88E-03	0.00E+00	0.00E+00	1.93E-01
302	ALL		588032.5	4126575	NonCancerAcute	3.95E-07	3.18E-05	7.85E-03	0.00E+00	1.25E-06	8.00E-03	1.42E-01	0.00E+00	1.92E-01	0.00E+00	0.00E+00	7.85E-03	0.00E+00	0.00E+00	1.92E-01
381	ALL		588172.5	4126655	NonCancerAcute	3.87E-07	3.12E-05	7.70E-03	0.00E+00	1.23E-06	7.84E-03	1.39E-01	0.00E+00	1.88E-01	0.00E+00	0.00E+00	7.70E-03	0.00E+00	0.00E+00	1.88E-01
411	ALL		588152.5	4126675	NonCancerAcute	3.81E-07	3.07E-05	7.57E-03	0.00E+00	1.21E-06	7.71E-03	1.37E-01	0.00E+00	1.85E-01	0.00E+00	0.00E+00	7.57E-03	0.00E+00	0.00E+00	1.85E-01
380	ALL		588032.5	4126655	NonCancerAcute	3.81E-07	3.07E-05	7.56E-03	0.00E+00	1.21E-06	7.71E-03	1.37E-01	0.00E+00	1.85E-01	0.00E+00	0.00E+00	7.56E-03	0.00E+00	0.00E+00	1.85E-01
290	ALL		588032.5	4126555	NonCancerAcute	3.66E-07	2.95E-05	7.27E-03	0.00E+00	1.16E-06	7.41E-03	1.32E-01	0.00E+00	1.78E-01	0.00E+00	0.00E+00	7.27E-03	0.00E+00	0.00E+00	1.78E-01
355	ALL		588012.5	4126635	NonCancerAcute	3.62E-07	2.92E-05	7.20E-03	0.00E+00	1.15E-06	7.33E-03	1.30E-01	0.00E+00	1.76E-01	0.00E+00	0.00E+00	7.20E-03	0.00E+00	0.00E+00	1.76E-01
406	ALL		588052.5	4126675	NonCancerAcute	3.56E-07	2.87E-05	7.07E-03	0.00E+00	1.13E-06	7.21E-03	1.28E-01	0.00E+00	1.73E-01	0.00E+00	0.00E+00	7.07E-03	0.00E+00	0.00E+00	1.73E-01
382	ALL		588192.5	4126655	NonCancerAcute	3.39E-07	2.73E-05	6.75E-03	0.00E+00	1.08E-06	6.88E-03	1.22E-01	0.00E+00	1.65E-01	0.00E+00	0.00E+00	6.75E-03	0.00E+00	0.00E+00	1.65E-01
440	ALL		588112.5	4126695	NonCancerAcute	3.36E-07	2.71E-05	6.68E-03	0.00E+00	1.07E-06	6.81E-03	1.21E-01	0.00E+00	1.63E-01	0.00E+00	0.00E+00	6.68E-03	0.00E+00	0.00E+00	1.63E-01
333	ALL		588012.5	4126615	NonCancerAcute	3.36E-07	2.70E-05	6.67E-03	0.00E+00	1.07E-06	6.80E-03	1.21E-01	0.00E+00	1.63E-01	0.00E+00	0.00E+00	6.67E-03	0.00E+00	0.00E+00	1.63E-01
441	ALL		588132.5	4126695	NonCancerAcute	3.34E-07	2.69E-05	6.65E-03	0.00E+00	1.06E-06	6.77E-03	1.20E-01	0.00E+00	1.63E-01	0.00E+00	0.00E+00	6.65E-03	0.00E+00	0.00E+00	1.63E-01
438	ALL		588072.5	4126695	NonCancerAcute	3.31E-07	2.66E-05	6.57E-03	0.00E+00	1.05E-06	6.70E-03	1.19E-01	0.00E+00	1.61E-01	0.00E+00	0.00E+00	6.57E-03	0.00E+00	0.00E+00	1.61E-01
412	ALL		588172.5	4126675	NonCancerAcute	3.27E-07	2.64E-05	6.50E-03	0.00E+00	1.04E-06	6.63E-03	1.18E-01	0.00E+00	1.59E-01	0.00E+00	0.00E+00	6.50E-03	0.00E+00	0.00E+00	1.59E-01
278	ALL		588032.5	4126535	NonCancerAcute	3.26E-07	2.63E-05	6.49E-03	0.00E+00	1.04E-06	6.61E-03	1.17E-01	0.00E+00	1.59E-01	0.00E+00	0.00E+00	6.49E-03	0.00E+00	0.00E+00	1.59E-01
379	ALL		588012.5	4126655	NonCancerAcute	3.23E-07	2.60E-05	6.41E-03	0.00E+00	1.02E-06	6.53E-03	1.16E-01	0.00E+00	1.57E-01	0.00E+00	0.00E+00	6.41E-03	0.00E+00	0.00E+00	1.57E-01
439	ALL		588092.5	4126695	NonCancerAcute	3.18E-07	2.56E-05	6.32E-03	0.00E+00	1.01E-06	6.44E-03	1.14E-01	0.00E+00	1.55E-01	0.00E+00	0.00E+00	6.32E-03	0.00E+00	0.00E+00	1.55E-01
442	ALL		588152.5	4126695	NonCancerAcute	3.10E-07	2.49E-05	6.15E-03	0.00E+00	9.83E-07	6.27E-03	1.11E-01	0.00E+00	1.51E-01	0.00E+00	0.00E+00	6.15E-03	0.00E+00	0.00E+00	1.51E-01
358	ALL		588212.5	4126635	NonCancerAcute	3.09E-07	2.49E-05	6.14E-03	0.00E+00	9.81E-07	6.26E-03	1.11E-01	0.00E+00	1.50E-01	0.00E+00	0.00E+00	6.14E-03	0.00E+00	0.00E+00	1.50E-01
301	ALL		588012.5	4126575	NonCancerAcute	3.09E-07	2.49E-05	6.13E-03	0.00E+00	9.79E-07	6.25E-03	1.11E-01	0.00E+00	1.50E-01	0.00E+00	0.00E+00	6.13E-03	0.00E+00	0.00E+00	1.50E-01
405	ALL		588032.5	4126675	NonCancerAcute	3.08E-07	2.48E-05	6.12E-03	0.00E+00	9.77E-07	6.23E-03	1.11E-01	0.00E+00	1.50E-01	0.00E+00	0.00E+00	6.12E-03	0.00E+00	0.00E+00	1.50E-01
314	ALL		588012.5	4126595	NonCancerAcute	3.04E-07	2.45E-05	6.03E-03	0.00E+00	9.63E-07	6.15E-03	1.09E-01	0.00E+00	1.48E-01	0.00E+00	0.00E+00	6.03E-03	0.00E+00	0.00E+00	1.48E-01
437	ALL		588052.5	4126695	NonCancerAcute	2.96E-07	2.39E-05	5.88E-03	0.00E+00	9.40E-07	6.00E-03	1.06E-01	0.00E+00	1.44E-01	0.00E+00	0.00E+00	5.88E-03	0.00E+00	0.00E+00	1.44E-01
289	ALL		588012.5	4126555	NonCancerAcute	2.93E-07	2.36E-05	5.81E-03	0.00E+00	9.28E-07	5.92E-03	1.05E-01	0.00E+00	1.42E-01	0.00E+00	0.00E+00	5.81E-03	0.00E+00	0.00E+00	1.42E-01
413	ALL		588192.5	4126675	NonCancerAcute	2.91E-07	2.34E-05	5.78E-03	0.00E+00	9.23E-07	5.89E-03	1.05E-01	0.00E+00	1.41E-01	0.00E+00	0.00E+00	5.78E-03	0.00E+00	0.00E+00	1.41E-01
354	ALL		587992.5	4126635	NonCancerAcute	2.90E-07	2.34E-05	5.76E-03	0.00E+00	9.20E-07	5.87E-03	1.04E-01	0.00E+00	1.41E-01	0.00E+00	0.00E+00	5.76E-03	0.00E+00	0.00E+00	1.41E-01
443	ALL		588172.5	4126695	NonCancerAcute	2.89E-07	2.33E-05	5.74E-03	0.00E+00	9.17E-07	5.85E-03	1.04E-01	0.00E+00	1.40E-01	0.00E+00	0.00E+00	5.74E-03	0.00E+00	0.00E+00	1.40E-01
404	ALL		588012.5	4126675	NonCancerAcute	2.86E-07	2.31E-05	5.69E-03	0.00E+00	9.09E-07	5.80E-03	1.03E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	5.69E-03	0.00E+00	0.00E+00	1.39E-01
470	ALL		588092.5	4126715	NonCancerAcute	2.86E-07	2.30E-05	5.68E-03	0.00E+00	9.08E-07	5.79E-03	1.03E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	5.68E-03	0.00E+00	0.00E+00	1.39E-01
472	ALL		588132.5	4126715	NonCancerAcute	2.85E-07	2.30E-05	5.66E-03	0.00E+00	9.05E-07	5.77E-03	1.02E-01	0.00E+00	1.39E-01	0.00E+00	0.00E+00	5.66E-03	0.00E+00	0.00E+00	1.39E-01
471	ALL		588112.5	4126715	NonCancerAcute	2.83E-07	2.28E-05	5.62E-03	0.00E+00	8.97E-07	5.73E-03	1.02E-01	0.00E+00	1.37E-01	0.00E+00	0.00E+00	5.62E-03	0.00E+00	0.00E+00	1.37E-01
383	ALL		588212.5	4126655	NonCancerAcute	2.79E-07	2.25E-05	5.55E-03	0.00E+00	8.87E-07	5.66E-03	1.00E-01	0.00E+00	1.36E-01	0.00E+00	0.00E+00	5.55E-03	0.00E+00	0.00E+00	1.36E-01
378	ALL		587992.5	4126655	NonCancerAcute	2.75E-07	2.21E-05	5.46E-03	0.00E+00	8.72E-07	5.56E-03	9.88E-02	0.00E+00	1.34E-01	0.00E+00	0.00E+00	5.46E-03	0.00E+00	0.00E+00	1.34E-01
469	ALL		588072.5	4126715	NonCancerAcute	2.70E-07	2.18E-05	5.37E-03	0.00E+00	8.57E-07	5.47E-03	9.71E-02	0.00E+00	1.31E-01	0.00E+00	0.00E+00	5.37E-03	0.00E+00	0.00E+00	1.31E-01
436	ALL		588032.5	4126695	NonCancerAcute	2.67E-07	2.15E-05	5.30E-03	0.00E+00	8.47E-07	5.41E-03	9.60E-02	0.00E+00	1.30E-01	0.00E+00	0.00E+00	5.30E-03	0.00E+00	0.00E+00	1.30E-01
332	ALL		587992.5	4126615	NonCancerAcute	2.66E-07	2.14E-05	5.29E-03	0.00E+00	8.44E-07	5.39E-03	9.57E-02	0.00E+00	1.29E-01	0.00E+00	0.00E+00	5.29E-03	0.00E+00	0.00E+00	1.29E-01
277	ALL		588012.5	4126535	NonCancerAcute	2.65E-07	2.14E-05	5.28E-03	0.00E+00	8.42E-07	5.38E-03	9.54E-02	0.00E+00	1.29E-01	0.00E+00	0.00E+00	5.28E-03	0.00E+00	0.00E+00	1.29E-01
414	ALL		588212.5	4126675	NonCancerAcute	2.53E-07	2.04E-05	5.03E-03	0.00E+00	8.04E-07	5.13E-03	9.11E-02	0.00E+00	1.23E-01	0.00E+00	0.00E+00	5.03E-03	0.00E+00	0.00E+00	1.23E-01
468	ALL		588052.5	4126715	NonCancerAcute	2.51E-07	2.02E-05	4.99E-03	0.00E+00	7.97E-07	5.09E-03	9.03E-02	0.00E+00	1.22E-01	0.00E+00	0.00E+00	4.99E-03	0.00E+00	0.00E+00	1.22E-01
474	ALL		588172.5	4126715	NonCancerAcute	2.50E-07	2.01E-05	4.96E-03	0.00E+00	7.93E-07	5.06E-03	8.98E-02	0.00E+00	1.21E-01	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	1.21E-01
403	ALL		587992.5	4126675	NonCancerAcute	2.50E-07	2.01E-05	4.96E-03	0.00E+00	7.93E-07	5.06E-03	8.98E-02	0.00E+00	1.21E-01	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	1.21E-01
473	ALL		588152.5	4126715	NonCancerAcute	2.49E-07	2.01E-05	4.96E-03	0.00E+00	7.92E-07	5.05E-03	8.97E-02	0.00E+00	1.21E-01	0.00E+00	0.00E+00	4.96E-03	0.00E+00	0.00E+00	1.21E-01
359	ALL		588232.5	4126635	NonCancerAcute	2.48E-07	2.00E-05	4.92E-03	0.00E+00	7.86E-07	5.02E-03	8.91E-02	0.00E+00	1.20E-01	0.00E+00	0.00E+00	4.92E-03	0.00E+00	0.00E+00	1.20E-01
300	ALL		587992.5	4126575	NonCancerAcute	2.45E-07	1.97E-05	4.87E-03	0.00E+00	7.78E-07	4.96E-03	8.81E-02	0.00E+00	1.19E-01	0.00E+00	0.00E+00	4.87E-03	0.00E+00	0.00E+00	1.19E-01
503	ALL		588132.5	4126735	NonCancerAcute	2.44E-07	1.96E-05	4.85E-03	0.00E+00	7.74E-07	4.94E-03	8.77E-02	0.00E+00	1.19E-01	0.00E+00	0.00E+00	4.85E-03	0.00E+00	0.00E+00	1.19E-01
435	ALL		588012.5	4126695	NonCancerAcute	2.43E-07	1.96E-05	4.84E-03	0.00E+00	7.73E-07	4.93E-03	8.75E-02	0.00E+00	1.18E-01	0.00E+00	0.00E+00	4.84E-03	0.00E+00	0.00E+00	1.18E-01
501	ALL		588092.5	4126735	NonCancerAcute	2.42E-07	1.95E-05	4.81E-03	0.00E+00	7.68E-07	4.90E-03	8.70E-02	0.00E+00	1.18E-01	0.00E+00	0.00E+00	4.81E-03	0.00E+00	0.00E+00	1.18E-01
313	ALL		587992.5	4126595	NonCancerAcute	2.41E-07	1.94E-05	4.80E-03	0.00E+00	7.66E-07	4.89E-03	8.68E-02	0.00E+00	1.17E-01	0.00E+00	0.00E+00	4.80E-03	0.00E+00	0.00E+00	1.17E-01
502	ALL		588112.5	4126735	NonCancerAcute	2.40E-07	1.93E-05	4.77E-03	0.00E+00	7.62E-07	4.86E-03	8.63E-02	0.00E+00	1.17E-01	0.00E+00	0.00E+00	4.77E-03	0.00E+00	0.00E+00	1.17E-01
377	ALL		587972.5	4126655	NonCancerAcute	2.39E-07	1.92E-05	4.74E-03	0.00E+00	7.57E-07	4.83E-03	8.58E-02	0.00E+00	1.16E-01	0.00E+00	0.00E+00	4.74E-03	0.00E+00	0.00E+00	1.16E-01
444	ALL		588192.5	4126695	NonCancerAcute	2.38E-07	1.92E-05	4.73E-03	0.00E+00	7.56E-07	4.82E-03	8.56E-02	0.00E+00	1.16E-01	0.00E+00	0.00E+00	4.73E-03	0.00E+00	0.00E+00	1.16E-01
288	ALL		587992.5	4126555	NonCancerAcute	2.36E-07	1.90E-05	4.69E-03	0.00E+00	7.49E-07	4.78E-03	8.49E-02	0.00E+00	1.15E-01	0.00E+00	0.00E+00	4.69E-03	0.00E+00	0.00E+00	1.15E-01
500	ALL		588072.5	4126735	NonCancerAcute	2.36E-07	1.90E-05	4.68E-03	0.00E+00	7.48E-07	4.77E-03	8.47E-02	0.00E+00	1.15E-01	0.00E+00	0.00E+00	4.68E-03	0.00E+00	0.00E+00	1.15E-01
467	ALL		588032.5	4126715	NonCancerAcute	2.33E-07	1.88E-05	4.63E-03	0.00E+00	7.39E-07	4.72E-03	8.37E-02	0.00E+00	1.13E-01	0.00E+00	0.00E+00	4.63E-03	0.00E+00	0.00E+00	1.13E-01
384	ALL		588232.5	4126655	NonCancerAcute	2.29E-07	1.85E-05	4.55E-03	0.00E+00	7.27E-07	4.64E-03	8.24E-02	0.00E+00	1.11E-01	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	1.11E-01
353	ALL		587972.5	4126635	NonCancerAcute	2.29E-07	1.85E-05	4.55E-03	0.00E+00	7.27E-07	4.64E-03	8.24E-02	0.00E+00	1.11E-01	0.00E+00	0.00E+00	4.55E-03	0.00E+00	0.00E+00	1.11E-01
445	ALL		588212.5	4126695	NonCancerAcute	2.28E-07	1.83E-05	4.52E-03	0.00E+00	7.22E-07	4.61E-03	8.18E-02	0.00E+00	1.11E-01	0.00E+00	0.00E+00	4.52E-03	0.00E+00	0.00E+00	1.11E-01
434	ALL		587992.5	4126695	NonCancerAcute	2.27E-07	1.83E-05	4.51E-03	0.00E+00	7.21E-07	4.60E-03	8.16E-02	0.00E+00	1.10E-01	0.00E+00	0.00E+00	4.51E-03	0.00E+00	0.00E+00	1.10E-01
336	ALL		588252.5	4126615	NonCancerAcute	2.24E-07	1.81E-05	4.45E-03	0.00E+00	7.11E-07	4.54E-03	8.06E-02	0.00E+00	1.09E-01	0.00E+00	0.00E+00	4.45E-03	0.00E+00	0.00E+00	1.09E-01
276	ALL		587992.5	4126535	NonCancerAcute	2.22E-07	1.79E-05	4.40E-03	0.00E+00	7.03E-07	4.49E-03	7.97E-02	0.00E+00	1.08E-01	0.00E+00	0.00E+00	4.40E-03	0.00E+00	0.00E+00	1.08E-01
475	ALL		588192.5	4126715	NonCancerAcute	2.19E-07	1.77E-05	4.36E-03	0.00E+00	6.96E-07	4.44E-03	7.89E-02	0.00E+00	1.07E-01	0.00E+00	0.00E+00	4.36E-03	0.00E+00	0.00E+00	1.07E-01
499	ALL		588052.5	4126735	NonCancerAcute	2.17E-07	1.74E-05	4.30E-03	0.00E+00	6.87E-07	4.38E-03	7.78E-02	0.00E+00	1.05E-01	0.00E+00	0.00E+00	4.30E-03	0.00E+00	0.00E+00	1.05E-01
402	ALL		587972.5	4126675	NonCancerAcute	2.13E-07	1.72E-05	4.24E-03	0.00E+00	6.76E-07	4.32E-03	7.66E-02	0.00E+00	1.04E-01	0.00E+00	0.00E+00	4.24E-03	0.00E+00	0.00E+00	1.04E-01
505	ALL		588172.5	4126735	NonCancerAcute	2.13E-07	1.71E-05	4.23E-03	0.00E+00	6.76E-07	4.31E-03	7.65E-02	0.00E+00	1.03E-01	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	1.03E-01
531	ALL		588072.5	4126755	NonCancerAcute	2.13E-07	1.71E-05	4.23E-03	0.00E+00	6.76E-07	4.31E-03	7.65E-02	0.00E+00	1.03E-01	0.00E+00	0.00E+00	4.23E-03	0.00E+00	0.00E+00	1.03E-01
466	ALL		588012.5	4126715	NonCancerAcute	2.12E-07	1.71E-05	4.22E-03	0.00E+00	6.74E-07	4.30E-03	7.64E-02	0.00E+00	1.03E-01	0.00E+00	0.00E+00	4.22E-03	0.00E+00	0.00E+00	1.03E-01
331	ALL		587972.5	4126615	NonCancerAcute	2.11E-07	1.70E-05	4.20E-03	0.00E+00	6.71E-07	4.28E-03	7.60E-02	0.00E+00	1.03E-01	0.00E+00	0.00E+00	4.20E-03	0.00E+00	0.00E+00	1.03E-01
534	ALL		588132.5	4126755	NonCancerAcute	2.10E-07	1.70E-05	4.18E-03	0.00E+00	6.68E-07	4.26E-03	7.57E-02	0.00E+00	1.02E-01	0.00E+00	0.00E+00	4.18E-03	0.00E+00	0.00E+00	1.02E-01
415	ALL		588232.5	4126675	NonCancerAcute	2.08E-07	1.67E-05	4.13E-03	0.00E+00	6.59E-07	4.21E-03	7.47E-02	0.00E+00	1.01E-01	0.00E+00	0.00E+00	4.13E-03	0.00E+00	0.00E+00	1.01E-01
533	ALL		588112.5	4126755	NonCancerAcute	2.05E-07	1.65E-05	4.08E-03	0.00E+00	6.52E-07	4.16E-03	7.38E-02	0.00E+00	9.99E-02	0.00E+00	0.00E+00	4.08E-03	0.00E+00	0.00E+00	9.99E-02
504	ALL		588152.5	4126735	NonCancerAcute	2.04E-07	1.65E-05	4.06E-03	0.00E+00	6.48E-07	4.14E-03	7.35E-02	0.00E+00	9.93E-02	0.00E+00	0.00E+00	4.06E-03	0.00E+00	0.00E+00	9.93E-02
299	ALL		587972.5	4126575	NonCancerAcute	2.02E-07	1.63E-05	4.02E-03	0.00E+00	6.42E-07	4.10E-03	7.27E-02	0.00E+00	9.84E-02	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	9.84E-02
360	ALL		588252.5	4126635	NonCancerAcute	2.02E-07	1.63E-05	4.02E-03	0.00E+00	6.42E-07	4.10E-03	7.27E-02	0.00E+00	9.83E-02	0.00E+00	0.00E+00	4.02E-03	0.00E+00	0.00E+00	9.83E-02
498	ALL		588032.5	4126735	NonCancerAcute	2.02E-07	1.62E-05	4.01E-03	0.00E+00	6.40E-07	4.08E-03	7.25E-02	0.00E+00	9.80E-02	0.00E+00	0.00E+00	4.01E-03	0.00E+00	0.00E+00	9.80E-02
376	ALL		587952.5	4126655	NonCancerAcute	2.01E-07	1.62E-05	4.00E-03	0.00E+00	6.38E-07	4.07E-03	7.23E-02	0.00E+00	9.78E-02	0.00E+00	0.00E+00	4.00E-03	0.00E+00	0.00E+00	9.78E-02
433	ALL		587972.5	4126695	NonCancerAcute	2.00E-07	1.61E-05	3.97E-03	0.00E+00	6.33E-07	4.04E-03	7.18E-02	0.00E+00	9.70E-02	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	9.70E-02
506	ALL		588192.5	4126735	NonCancerAcute	2.00E-07	1.61E-05	3.97E-03	0.00E+00	6.33E-07	4.04E-03	7.17E-02	0.00E+00	9.70E-02	0.00E+00	0.00E+00	3.97E-03	0.00E+00	0.00E+00	9.70E-02
532	ALL		588092.5	4126755	NonCancerAcute	1.99E-07	1.60E-05	3.96E-03	0.00E+00	6.32E-07	4.03E-03	7.16E-02	0.00E+00	9.68E-02	0.00E+00	0.00E+00	3.96E-03	0.00E+00	0.00E+00	9.68E-02
312	ALL		587972.5	4126595	NonCancerAcute	1.99E-07	1.60E-05	3.95E-03	0.00E+00	6.30E-07	4.02E-03	7.14E-02	0.00E+00	9.65E-02	0.00E+00	0.00E+00	3.95E-03	0.00E+00	0.00E+00	9.65E-02
465	ALL		587992.5	4126715	NonCancerAcute	1.98E-07	1.60E-05	3.94E-03	0.00E+00	6.29E-07	4.01E-03	7.12E-02	0.00E+00	9.63E-02	0.00E+00	0.00E+00	3.94E-03	0.00E+00	0.00E+00	9.63E-02
446	ALL		588232.5	4126695	NonCancerAcute	1.97E-07	1.59E-05	3.92E-03	0.00E+00	6.26E-07	3.99E-03	7.09E-02	0.00E+00	9.58E-02	0.00E+00	0.00E+00	3.92E-03	0.00E+00	0.00E+00	9.58E-02
530	ALL		588052.5	4126755	NonCancerAcute	1.97E-07	1.59E-05	3.91E-03	0.00E+00	6.25E-07	3.99E-03	7.08E-02	0.00E+00	9.57E-02	0.00E+00	0.00E+00	3.91E-03	0.00E+00	0.00E+00	9.57E-02
287	ALL		587972.5	4126555	NonCancerAcute	1.96E-07	1.58E-05	3.90E-03	0.00E+00	6.22E-07	3.97E-03	7.05E-02	0.00E+00	9.53E-02	0.00E+00	0.00E+00	3.90E-03	0.00E+00	0.00E+00	9.53E-02
476	ALL		588212.5	4126715	NonCancerAcute	1.96E-07	1.58E-05	3.89E-03	0.00E+00	6.22E-07	3.97E-03	7.04E-02	0.00E+00	9.52E-02	0.00E+00	0.00E+00	3.89

477	ALL	588232.5	4126715	NonCancerAcute	1.83E-07	1.47E-05	3.63E-03	0.00E+00	5.79E-07	3.70E-03	6.56E-02	0.00E+00	8.88E-02	0.00E+00	0.00E+00	3.63E-03	0.00E+00	0.00E+00	8.88E-02
266	ALL	587972.5	4126515	NonCancerAcute	1.81E-07	1.46E-05	3.60E-03	0.00E+00	5.75E-07	3.67E-03	6.51E-02	0.00E+00	8.80E-02	0.00E+00	0.00E+00	3.60E-03	0.00E+00	0.00E+00	8.80E-02
536	ALL	588172.5	4126755	NonCancerAcute	1.81E-07	1.45E-05	3.59E-03	0.00E+00	5.73E-07	3.66E-03	6.49E-02	0.00E+00	8.78E-02	0.00E+00	0.00E+00	3.59E-03	0.00E+00	0.00E+00	8.78E-02
416	ALL	588252.5	4126675	NonCancerAcute	1.80E-07	1.45E-05	3.58E-03	0.00E+00	5.72E-07	3.65E-03	6.48E-02	0.00E+00	8.76E-02	0.00E+00	0.00E+00	3.58E-03	0.00E+00	0.00E+00	8.76E-02
529	ALL	588032.5	4126755	NonCancerAcute	1.80E-07	1.45E-05	3.57E-03	0.00E+00	5.71E-07	3.64E-03	6.47E-02	0.00E+00	8.75E-02	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	8.75E-02
535	ALL	588152.5	4126755	NonCancerAcute	1.80E-07	1.45E-05	3.57E-03	0.00E+00	5.71E-07	3.64E-03	6.47E-02	0.00E+00	8.74E-02	0.00E+00	0.00E+00	3.57E-03	0.00E+00	0.00E+00	8.74E-02
537	ALL	588192.5	4126755	NonCancerAcute	1.78E-07	1.44E-05	3.54E-03	0.00E+00	5.66E-07	3.61E-03	6.41E-02	0.00E+00	8.67E-02	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	8.67E-02
564	ALL	588112.5	4126775	NonCancerAcute	1.78E-07	1.44E-05	3.54E-03	0.00E+00	5.66E-07	3.61E-03	6.41E-02	0.00E+00	8.67E-02	0.00E+00	0.00E+00	3.54E-03	0.00E+00	0.00E+00	8.67E-02
561	ALL	588052.5	4126775	NonCancerAcute	1.78E-07	1.43E-05	3.53E-03	0.00E+00	5.64E-07	3.60E-03	6.39E-02	0.00E+00	8.64E-02	0.00E+00	0.00E+00	3.53E-03	0.00E+00	0.00E+00	8.64E-02
400	ALL	587932.5	4126675	NonCancerAcute	1.73E-07	1.40E-05	3.44E-03	0.00E+00	5.50E-07	3.51E-03	6.23E-02	0.00E+00	8.42E-02	0.00E+00	0.00E+00	3.44E-03	0.00E+00	0.00E+00	8.42E-02
298	ALL	587952.5	4126575	NonCancerAcute	1.73E-07	1.39E-05	3.43E-03	0.00E+00	5.48E-07	3.50E-03	6.21E-02	0.00E+00	8.39E-02	0.00E+00	0.00E+00	3.43E-03	0.00E+00	0.00E+00	8.39E-02
361	ALL	588272.5	4126635	NonCancerAcute	1.72E-07	1.39E-05	3.42E-03	0.00E+00	5.46E-07	3.48E-03	6.18E-02	0.00E+00	8.36E-02	0.00E+00	0.00E+00	3.42E-03	0.00E+00	0.00E+00	8.36E-02
432	ALL	587952.5	4126695	NonCancerAcute	1.72E-07	1.38E-05	3.41E-03	0.00E+00	5.45E-07	3.48E-03	6.18E-02	0.00E+00	8.35E-02	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	8.35E-02
496	ALL	587992.5	4126735	NonCancerAcute	1.71E-07	1.38E-05	3.41E-03	0.00E+00	5.44E-07	3.47E-03	6.16E-02	0.00E+00	8.33E-02	0.00E+00	0.00E+00	3.41E-03	0.00E+00	0.00E+00	8.33E-02
330	ALL	587952.5	4126615	NonCancerAcute	1.71E-07	1.38E-05	3.40E-03	0.00E+00	5.43E-07	3.47E-03	6.15E-02	0.00E+00	8.32E-02	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	8.32E-02
286	ALL	587952.5	4126555	NonCancerAcute	1.71E-07	1.38E-05	3.40E-03	0.00E+00	5.43E-07	3.46E-03	6.15E-02	0.00E+00	8.32E-02	0.00E+00	0.00E+00	3.40E-03	0.00E+00	0.00E+00	8.32E-02
507	ALL	588212.5	4126735	NonCancerAcute	1.70E-07	1.37E-05	3.38E-03	0.00E+00	5.39E-07	3.44E-03	6.11E-02	0.00E+00	8.26E-02	0.00E+00	0.00E+00	3.38E-03	0.00E+00	0.00E+00	8.26E-02
563	ALL	588092.5	4126775	NonCancerAcute	1.69E-07	1.36E-05	3.37E-03	0.00E+00	5.38E-07	3.43E-03	6.09E-02	0.00E+00	8.24E-02	0.00E+00	0.00E+00	3.37E-03	0.00E+00	0.00E+00	8.24E-02
311	ALL	587952.5	4126595	NonCancerAcute	1.69E-07	1.36E-05	3.35E-03	0.00E+00	5.35E-07	3.41E-03	6.06E-02	0.00E+00	8.20E-02	0.00E+00	0.00E+00	3.35E-03	0.00E+00	0.00E+00	8.20E-02
375	ALL	587932.5	4126655	NonCancerAcute	1.68E-07	1.35E-05	3.33E-03	0.00E+00	5.32E-07	3.39E-03	6.03E-02	0.00E+00	8.15E-02	0.00E+00	0.00E+00	3.33E-03	0.00E+00	0.00E+00	8.15E-02
257	ALL	587972.5	4126495	NonCancerAcute	1.67E-07	1.35E-05	3.32E-03	0.00E+00	5.31E-07	3.39E-03	6.01E-02	0.00E+00	8.13E-02	0.00E+00	0.00E+00	3.32E-03	0.00E+00	0.00E+00	8.13E-02
528	ALL	588012.5	4126755	NonCancerAcute	1.65E-07	1.33E-05	3.28E-03	0.00E+00	5.25E-07	3.35E-03	5.94E-02	0.00E+00	8.04E-02	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	8.04E-02
495	ALL	587972.5	4126735	NonCancerAcute	1.65E-07	1.33E-05	3.28E-03	0.00E+00	5.24E-07	3.35E-03	5.94E-02	0.00E+00	8.04E-02	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	8.04E-02
593	ALL	588072.5	4126795	NonCancerAcute	1.65E-07	1.33E-05	3.28E-03	0.00E+00	5.24E-07	3.35E-03	5.94E-02	0.00E+00	8.03E-02	0.00E+00	0.00E+00	3.28E-03	0.00E+00	0.00E+00	8.03E-02
463	ALL	587952.5	4126715	NonCancerAcute	1.64E-07	1.32E-05	3.26E-03	0.00E+00	5.20E-07	3.32E-03	5.89E-02	0.00E+00	7.97E-02	0.00E+00	0.00E+00	3.26E-03	0.00E+00	0.00E+00	7.97E-02
351	ALL	587932.5	4126635	NonCancerAcute	1.64E-07	1.32E-05	3.25E-03	0.00E+00	5.20E-07	3.32E-03	5.89E-02	0.00E+00	7.96E-02	0.00E+00	0.00E+00	3.25E-03	0.00E+00	0.00E+00	7.96E-02
338	ALL	588292.5	4126615	NonCancerAcute	1.63E-07	1.31E-05	3.24E-03	0.00E+00	5.18E-07	3.30E-03	5.86E-02	0.00E+00	7.93E-02	0.00E+00	0.00E+00	3.24E-03	0.00E+00	0.00E+00	7.93E-02
566	ALL	588152.5	4126775	NonCancerAcute	1.63E-07	1.31E-05	3.23E-03	0.00E+00	5.16E-07	3.29E-03	5.85E-02	0.00E+00	7.91E-02	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	7.91E-02
508	ALL	588232.5	4126735	NonCancerAcute	1.62E-07	1.31E-05	3.23E-03	0.00E+00	5.15E-07	3.29E-03	5.84E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	7.90E-02
274	ALL	587952.5	4126535	NonCancerAcute	1.62E-07	1.31E-05	3.23E-03	0.00E+00	5.15E-07	3.29E-03	5.84E-02	0.00E+00	7.90E-02	0.00E+00	0.00E+00	3.23E-03	0.00E+00	0.00E+00	7.90E-02
386	ALL	588272.5	4126655	NonCancerAcute	1.62E-07	1.31E-05	3.22E-03	0.00E+00	5.14E-07	3.28E-03	5.83E-02	0.00E+00	7.88E-02	0.00E+00	0.00E+00	3.22E-03	0.00E+00	0.00E+00	7.88E-02
431	ALL	587932.5	4126695	NonCancerAcute	1.61E-07	1.30E-05	3.20E-03	0.00E+00	5.11E-07	3.26E-03	5.79E-02	0.00E+00	7.83E-02	0.00E+00	0.00E+00	3.20E-03	0.00E+00	0.00E+00	7.83E-02
447	ALL	588252.5	4126695	NonCancerAcute	1.61E-07	1.29E-05	3.19E-03	0.00E+00	5.10E-07	3.25E-03	5.78E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	7.81E-02
596	ALL	588132.5	4126795	NonCancerAcute	1.61E-07	1.29E-05	3.19E-03	0.00E+00	5.10E-07	3.25E-03	5.78E-02	0.00E+00	7.81E-02	0.00E+00	0.00E+00	3.19E-03	0.00E+00	0.00E+00	7.81E-02
592	ALL	588052.5	4126795	NonCancerAcute	1.60E-07	1.29E-05	3.17E-03	0.00E+00	5.07E-07	3.23E-03	5.74E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	7.77E-02
560	ALL	588032.5	4126775	NonCancerAcute	1.60E-07	1.29E-05	3.17E-03	0.00E+00	5.07E-07	3.23E-03	5.74E-02	0.00E+00	7.77E-02	0.00E+00	0.00E+00	3.17E-03	0.00E+00	0.00E+00	7.77E-02
594	ALL	588092.5	4126795	NonCancerAcute	1.58E-07	1.27E-05	3.14E-03	0.00E+00	5.02E-07	3.20E-03	5.68E-02	0.00E+00	7.69E-02	0.00E+00	0.00E+00	3.14E-03	0.00E+00	0.00E+00	7.69E-02
478	ALL	588252.5	4126715	NonCancerAcute	1.58E-07	1.27E-05	3.13E-03	0.00E+00	5.01E-07	3.20E-03	5.67E-02	0.00E+00	7.67E-02	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	7.67E-02
568	ALL	588192.5	4126775	NonCancerAcute	1.57E-07	1.27E-05	3.13E-03	0.00E+00	4.99E-07	3.19E-03	5.66E-02	0.00E+00	7.65E-02	0.00E+00	0.00E+00	3.13E-03	0.00E+00	0.00E+00	7.65E-02
494	ALL	587952.5	4126735	NonCancerAcute	1.56E-07	1.26E-05	3.10E-03	0.00E+00	4.96E-07	3.16E-03	5.62E-02	0.00E+00	7.59E-02	0.00E+00	0.00E+00	3.10E-03	0.00E+00	0.00E+00	7.59E-02
538	ALL	588212.5	4126755	NonCancerAcute	1.55E-07	1.25E-05	3.09E-03	0.00E+00	4.93E-07	3.15E-03	5.59E-02	0.00E+00	7.56E-02	0.00E+00	0.00E+00	3.09E-03	0.00E+00	0.00E+00	7.56E-02
417	ALL	588272.5	4126675	NonCancerAcute	1.55E-07	1.25E-05	3.08E-03	0.00E+00	4.92E-07	3.14E-03	5.57E-02	0.00E+00	7.54E-02	0.00E+00	0.00E+00	3.08E-03	0.00E+00	0.00E+00	7.54E-02
527	ALL	587992.5	4126755	NonCancerAcute	1.54E-07	1.24E-05	3.06E-03	0.00E+00	4.89E-07	3.12E-03	5.54E-02	0.00E+00	7.49E-02	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	7.49E-02
247	ALL	587972.5	4126475	NonCancerAcute	1.54E-07	1.24E-05	3.06E-03	0.00E+00	4.88E-07	3.11E-03	5.53E-02	0.00E+00	7.48E-02	0.00E+00	0.00E+00	3.06E-03	0.00E+00	0.00E+00	7.48E-02
265	ALL	587952.5	4126515	NonCancerAcute	1.54E-07	1.24E-05	3.05E-03	0.00E+00	4.88E-07	3.11E-03	5.52E-02	0.00E+00	7.47E-02	0.00E+00	0.00E+00	3.05E-03	0.00E+00	0.00E+00	7.47E-02
567	ALL	588172.5	4126775	NonCancerAcute	1.53E-07	1.23E-05	3.03E-03	0.00E+00	4.84E-07	3.09E-03	5.49E-02	0.00E+00	7.42E-02	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	7.42E-02
595	ALL	588112.5	4126795	NonCancerAcute	1.52E-07	1.23E-05	3.03E-03	0.00E+00	4.84E-07	3.09E-03	5.48E-02	0.00E+00	7.41E-02	0.00E+00	0.00E+00	3.03E-03	0.00E+00	0.00E+00	7.41E-02
362	ALL	588292.5	4126635	NonCancerAcute	1.51E-07	1.22E-05	3.01E-03	0.00E+00	4.80E-07	3.06E-03	5.44E-02	0.00E+00	7.35E-02	0.00E+00	0.00E+00	3.01E-03	0.00E+00	0.00E+00	7.35E-02
297	ALL	587932.5	4126575	NonCancerAcute	1.51E-07	1.21E-05	3.00E-03	0.00E+00	4.79E-07	3.05E-03	5.42E-02	0.00E+00	7.33E-02	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	7.33E-02
559	ALL	588012.5	4126775	NonCancerAcute	1.51E-07	1.21E-05	3.00E-03	0.00E+00	4.79E-07	3.05E-03	5.42E-02	0.00E+00	7.33E-02	0.00E+00	0.00E+00	3.00E-03	0.00E+00	0.00E+00	7.33E-02
399	ALL	587912.5	4126675	NonCancerAcute	1.50E-07	1.21E-05	2.98E-03	0.00E+00	4.76E-07	3.04E-03	5.40E-02	0.00E+00	7.30E-02	0.00E+00	0.00E+00	2.98E-03	0.00E+00	0.00E+00	7.30E-02
285	ALL	587932.5	4126555	NonCancerAcute	1.50E-07	1.20E-05	2.97E-03	0.00E+00	4.74E-07	3.03E-03	5.38E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	7.27E-02
509	ALL	588252.5	4126735	NonCancerAcute	1.49E-07	1.20E-05	2.97E-03	0.00E+00	4.74E-07	3.03E-03	5.38E-02	0.00E+00	7.27E-02	0.00E+00	0.00E+00	2.97E-03	0.00E+00	0.00E+00	7.27E-02
317	ALL	588312.5	4126595	NonCancerAcute	1.49E-07	1.20E-05	2.95E-03	0.00E+00	4.71E-07	3.01E-03	5.34E-02	0.00E+00	7.22E-02	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	7.22E-02
256	ALL	587952.5	4126495	NonCancerAcute	1.48E-07	1.20E-05	2.95E-03	0.00E+00	4.71E-07	3.00E-03	5.33E-02	0.00E+00	7.21E-02	0.00E+00	0.00E+00	2.95E-03	0.00E+00	0.00E+00	7.21E-02
430	ALL	587912.5	4126695	NonCancerAcute	1.48E-07	1.19E-05	2.94E-03	0.00E+00	4.70E-07	3.00E-03	5.33E-02	0.00E+00	7.20E-02	0.00E+00	0.00E+00	2.94E-03	0.00E+00	0.00E+00	7.20E-02
597	ALL	588152.5	4126795	NonCancerAcute	1.47E-07	1.18E-05	2.92E-03	0.00E+00	4.67E-07	2.98E-03	5.29E-02	0.00E+00	7.15E-02	0.00E+00	0.00E+00	2.92E-03	0.00E+00	0.00E+00	7.15E-02
448	ALL	588272.5	4126695	NonCancerAcute	1.46E-07	1.18E-05	2.91E-03	0.00E+00	4.65E-07	2.96E-03	5.26E-02	0.00E+00	7.12E-02	0.00E+00	0.00E+00	2.91E-03	0.00E+00	0.00E+00	7.12E-02
624	ALL	588072.5	4126815	NonCancerAcute	1.46E-07	1.17E-05	2.90E-03	0.00E+00	4.62E-07	2.95E-03	5.24E-02	0.00E+00	7.08E-02	0.00E+00	0.00E+00	2.90E-03	0.00E+00	0.00E+00	7.08E-02
310	ALL	587932.5	4126595	NonCancerAcute	1.45E-07	1.17E-05	2.89E-03	0.00E+00	4.61E-07	2.94E-03	5.23E-02	0.00E+00	7.07E-02	0.00E+00	0.00E+00	2.89E-03	0.00E+00	0.00E+00	7.07E-02
462	ALL	587932.5	4126715	NonCancerAcute	1.45E-07	1.17E-05	2.88E-03	0.00E+00	4.60E-07	2.94E-03	5.22E-02	0.00E+00	7.05E-02	0.00E+00	0.00E+00	2.88E-03	0.00E+00	0.00E+00	7.05E-02
569	ALL	588212.5	4126775	NonCancerAcute	1.45E-07	1.16E-05	2.87E-03	0.00E+00	4.59E-07	2.93E-03	5.20E-02	0.00E+00	7.03E-02	0.00E+00	0.00E+00	2.87E-03	0.00E+00	0.00E+00	7.03E-02
273	ALL	587932.5	4126535	NonCancerAcute	1.44E-07	1.16E-05	2.86E-03	0.00E+00	4.57E-07	2.92E-03	5.18E-02	0.00E+00	7.01E-02	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	7.01E-02
591	ALL	588032.5	4126795	NonCancerAcute	1.44E-07	1.16E-05	2.86E-03	0.00E+00	4.57E-07	2.92E-03	5.18E-02	0.00E+00	7.00E-02	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	7.00E-02
329	ALL	587932.5	4126615	NonCancerAcute	1.44E-07	1.16E-05	2.86E-03	0.00E+00	4.57E-07	2.91E-03	5.17E-02	0.00E+00	6.99E-02	0.00E+00	0.00E+00	2.86E-03	0.00E+00	0.00E+00	6.99E-02
374	ALL	587912.5	4126655	NonCancerAcute	1.44E-07	1.16E-05	2.85E-03	0.00E+00	4.56E-07	2.91E-03	5.16E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	6.98E-02
623	ALL	588052.5	4126815	NonCancerAcute	1.44E-07	1.16E-05	2.85E-03	0.00E+00	4.56E-07	2.91E-03	5.16E-02	0.00E+00	6.98E-02	0.00E+00	0.00E+00	2.85E-03	0.00E+00	0.00E+00	6.98E-02
387	ALL	588292.5	4126655	NonCancerAcute	1.43E-07	1.15E-05	2.84E-03	0.00E+00	4.53E-07	2.89E-03	5.14E-02	0.00E+00	6.95E-02	0.00E+00	0.00E+00	2.84E-03	0.00E+00	0.00E+00	6.95E-02
339	ALL	588312.5	4126615	NonCancerAcute	1.43E-07	1.15E-05	2.83E-03	0.00E+00	4.53E-07	2.89E-03	5.13E-02	0.00E+00	6.93E-02	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	6.93E-02
539	ALL	588232.5	4126755	NonCancerAcute	1.43E-07	1.15E-05	2.83E-03	0.00E+00	4.53E-07	2.89E-03	5.13E-02	0.00E+00	6.93E-02	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	6.93E-02
627	ALL	588132.5	4126815	NonCancerAcute	1.42E-07	1.15E-05	2.83E-03	0.00E+00	4.52E-07	2.88E-03	5.11E-02	0.00E+00	6.92E-02	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	6.92E-02
526	ALL	587972.5	4126755	NonCancerAcute	1.42E-07	1.15E-05	2.83E-03	0.00E+00	4.51E-07	2.88E-03	5.11E-02	0.00E+00	6.92E-02	0.00E+00	0.00E+00	2.83E-03	0.00E+00	0.00E+00	6.92E-02
625	ALL	588092.5	4126815	NonCancerAcute	1.41E-07	1.14E-05	2.81E-03	0.00E+00	4.49E-07	2.87E-03	5.09E-02	0.00E+00	6.88E-02	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	6.88E-02
525	ALL	587952.5	4126755	NonCancerAcute	1.41E-07	1.14E-05	2.81E-03	0.00E+00	4.48E-07	2.86E-03	5.08E-02	0.00E+00	6.87E-02	0.00E+00	0.00E+00	2.81E-03	0.00E+00	0.00E+00	6.87E-02
235	ALL	587972.5	4126455	NonCancerAcute	1.40E-07	1.13E-05	2.78E-03	0.00E+00	4.44E-07	2.84E-03	5.03E-02	0.00E+00	6.81E-02	0.00E+00	0.00E+00	2.78E-03	0.00E+00	0.00E+00	6.81E-02
350	ALL	587912.5	4126635	NonCancerAcute	1.40E-07	1.12E-05	2.77E-03	0.00E+00	4.43E-07	2.83E-03	5.02E-02	0.00E+00	6.78E-02	0.00E+00	0.00E+00	2.77E-03	0.00E+00	0.00E+00	6.78E-02
493	ALL	587932.5	4126735	NonCancerAcute	1.39E-07	1.12E-05	2.76E-03	0.00E+00	4.41E-07	2.82E-03	5.00E-02	0.00E+00	6.76E-02	0.00E+00	0.00E+00	2.76E-03	0.00E+00	0.00E+00	6.76E-02
191	ALL	588012.5	4126395	NonCancerAcute	1.38E-07	1.12E-05	2.75E-03	0.00E+00	4.39E-07	2.80E-03	4.98E-02	0.00E+00	6.73E-02	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	6.73E-02
246	ALL	587952.5	4126475	NonCancerAcute	1.38E-07	1.11E-05	2.75E-03	0.00E+00	4.39E-07	2.80E-03	4.97E-02	0.00E+00	6.72E-02	0.00E+00	0.00E+00	2.75E-03	0.00E+00	0.00E+00	6.72E-02
599	ALL	588192.5	4126795	NonCancerAcute	1.38E-07	1.11E-05	2.74E-03	0.00E+00	4.37E-07	2.79E-03	4.95E-02	0.00E+00	6.70E-02	0.00E+00	0.00E+00	2.74E-03	0.00E+00	0.00E+00	6.70E-02
264	ALL	587932.5	4126515	NonCancerAcute	1.37E-07	1.10E-05	2.72E-03	0.00E+00	4.35E-07	2.78E-03	4.93E-02	0.00E+00	6.67E-02	0.00E+00	0.00E+00	2.72E-03	0.00E+00	0.00E+00	6.67E-02
540	ALL	588252.5	4126755	NonCancerAcute	1.36E-07	1.10E-05	2.71E-03	0.00E+00	4.33E-07	2.76E-03	4.90E-02	0.00E+00	6.63E-02	0.00E+00	0.00E+00	2.71E-03	0.00E+00	0.00E+00	6.63E-02
558	ALL	587992.5	4126775	NonCancerAcute	1.36E-07	1.10E-05	2.70E-03	0.00E+00	4.31E-07	2.75E-03	4.89E-02	0.00E+00	6.61E-02	0.00E+00	0.00E+00	2.70E-03	0.00E+00	0.00E+00	6.61E-02
590	ALL	588012.5	4126795	NonCancerAcute	1.36E-07	1.09E-05	2.69E-03	0.00E+00	4.30E-07	2.75E-03	4.87E-02	0.00E+00	6.59E-02	0.00E+00	0.00E+00	2.69E-03	0.00E+00	0.00E+00	6.59E-02
363	ALL	588312.5	4126635	NonCancerAcute	1.34E-07	1.08E-05	2.67E-03	0.00E+00	4.27E-07	2.72E-03	4.83E-02	0.00E+00	6.54E-02	0.00E+00	0.00E+00	2.67E-03	0.00E+00	0.00E+00	6.54E-02
479	ALL	588272.5	4126715	NonCancerAcute	1.33E-07	1.08E-05	2.65E-03	0.00E+00	4.24E-07	2.70E-03	4.80E-02	0.00E+00	6.49E-02	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	6.49E-02
628	ALL	588152.5	4126815	NonCancerAcute	1.33E-07	1.07E-05	2.65E-03	0.00E+00	4.23E-07	2.70E-03	4.80E-02	0.00E+00	6.49E-02	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	6.49E-02
461	ALL	587912.5	4126715	NonCancerAcute	1.33E-07	1.07E-05	2.65E-03	0.00E+00	4.23E-07	2.70E-03	4.79E-02	0.00E+00	6.48E-02	0.00E+00	0.00E+00	2.65E-03	0.00E+00	0.00E+00	6.48E-02
429	ALL	587892.5	4126695	NonCancerAcute	1.33E-07	1.07E-05	2.64E-03	0.00E+00	4.21E-07	2.69E-03	4.77E-02	0.00E+00	6.45E-02	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	6.45E-02
524	ALL	587932.5	4126755	NonCancerAcute	1.33E-07	1.07E-05	2.64E-03	0.00E+00	4.21E-07	2.69E-03	4.77E-02	0.00E+00	6.45E-02	0.00E+00	0.00E+00	2.64E-03	0.00E+00	0.00E+00	6.45E-02
418	ALL	588292.5	4126675	NonCancerAcute	1.32E-07	1.07E-05	2.63E-03	0.00E+00	4.20E-07	2.68E-03	4.76E-02	0.00E+00	6.43E-02	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	6.43E-02
600	ALL	588212.5	4126795	NonCancerAcute	1.32E-07	1.07E-05	2.63E-03	0.00E+00	4.20E-07	2.68E-03	4.76E-02	0.00E+00	6.43E-02	0.00E+00	0.00E+00	2.63E-03	0.00E+00	0.00E+00	6.43E-02
296	ALL	587912.5	4126575	NonCancerAcute	1.32E-07	1.06E-05	2.62E-03	0.00E+00	4.19E-07	2.67E-03	4.75E-02	0.00E+00	6.42E-02	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	6.42E-02
557	ALL	587972.5	4126775	NonCancerAcute	1.32E-07	1.06E-05	2.62E-03	0.00E+00	4.19E-07	2.67E-03	4.75E-02	0.00E+00	6.42E-02	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	6.42E-02
598	ALL	588172.5	4126795	NonCancerAcute	1.32E-07	1.06E-05	2.62E-03	0.00E+00	4.19E-07	2.67E-03	4.74E-02	0.00E+00	6.42E-02	0.00E+00	0.00E+00	2.62E-03	0.00E+00	0.00E+00	6.42E-02
622	ALL	588032.5	4126815	NonCancerAcute	1.31E-07	1.06E-05	2.61E-03	0.00E+00	4.16E-07

318	ALL	588332.5	4126595	NonCancerAcute	1.29E-07	1.04E-05	2.56E-03	0.00E+00	4.10E-07	2.61E-03	4.64E-02	0.00E+00	6.27E-02	0.00E+00	0.00E+00	2.56E-03	0.00E+00	0.00E+00	6.27E-02
398	ALL	587892.5	4126675	NonCancerAcute	1.28E-07	1.03E-05	2.55E-03	0.00E+00	4.08E-07	2.60E-03	4.62E-02	0.00E+00	6.24E-02	0.00E+00	0.00E+00	2.55E-03	0.00E+00	0.00E+00	6.24E-02
656	ALL	588092.5	4126835	NonCancerAcute	1.28E-07	1.03E-05	2.54E-03	0.00E+00	4.06E-07	2.59E-03	4.60E-02	0.00E+00	6.22E-02	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	6.22E-02
272	ALL	587912.5	4126535	NonCancerAcute	1.28E-07	1.03E-05	2.54E-03	0.00E+00	4.05E-07	2.58E-03	4.59E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	2.54E-03	0.00E+00	0.00E+00	6.20E-02
589	ALL	587992.5	4126795	NonCancerAcute	1.27E-07	1.03E-05	2.53E-03	0.00E+00	4.05E-07	2.58E-03	4.58E-02	0.00E+00	6.20E-02	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	6.20E-02
309	ALL	587912.5	4126595	NonCancerAcute	1.27E-07	1.02E-05	2.53E-03	0.00E+00	4.04E-07	2.58E-03	4.57E-02	0.00E+00	6.18E-02	0.00E+00	0.00E+00	2.53E-03	0.00E+00	0.00E+00	6.18E-02
340	ALL	588332.5	4126615	NonCancerAcute	1.27E-07	1.02E-05	2.52E-03	0.00E+00	4.03E-07	2.57E-03	4.57E-02	0.00E+00	6.18E-02	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	6.18E-02
373	ALL	587892.5	4126655	NonCancerAcute	1.27E-07	1.02E-05	2.52E-03	0.00E+00	4.02E-07	2.57E-03	4.56E-02	0.00E+00	6.16E-02	0.00E+00	0.00E+00	2.52E-03	0.00E+00	0.00E+00	6.16E-02
172	ALL	588012.5	4126375	NonCancerAcute	1.26E-07	1.02E-05	2.51E-03	0.00E+00	4.01E-07	2.56E-03	4.55E-02	0.00E+00	6.15E-02	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	6.15E-02
658	ALL	588132.5	4126835	NonCancerAcute	1.26E-07	1.02E-05	2.51E-03	0.00E+00	4.01E-07	2.56E-03	4.55E-02	0.00E+00	6.15E-02	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	6.15E-02
388	ALL	588312.5	4126655	NonCancerAcute	1.26E-07	1.02E-05	2.51E-03	0.00E+00	4.01E-07	2.56E-03	4.54E-02	0.00E+00	6.14E-02	0.00E+00	0.00E+00	2.51E-03	0.00E+00	0.00E+00	6.14E-02
460	ALL	587892.5	4126715	NonCancerAcute	1.26E-07	1.01E-05	2.50E-03	0.00E+00	3.99E-07	2.54E-03	4.52E-02	0.00E+00	6.11E-02	0.00E+00	0.00E+00	2.50E-03	0.00E+00	0.00E+00	6.11E-02
328	ALL	587912.5	4126615	NonCancerAcute	1.25E-07	1.01E-05	2.48E-03	0.00E+00	3.96E-07	2.53E-03	4.49E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	6.07E-02
541	ALL	588272.5	4126755	NonCancerAcute	1.25E-07	1.01E-05	2.48E-03	0.00E+00	3.96E-07	2.53E-03	4.49E-02	0.00E+00	6.07E-02	0.00E+00	0.00E+00	2.48E-03	0.00E+00	0.00E+00	6.07E-02
245	ALL	587932.5	4126475	NonCancerAcute	1.24E-07	1.00E-05	2.47E-03	0.00E+00	3.95E-07	2.52E-03	4.47E-02	0.00E+00	6.05E-02	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	6.05E-02
190	ALL	587992.5	4126395	NonCancerAcute	1.24E-07	1.00E-05	2.47E-03	0.00E+00	3.94E-07	2.51E-03	4.46E-02	0.00E+00	6.04E-02	0.00E+00	0.00E+00	2.47E-03	0.00E+00	0.00E+00	6.04E-02
492	ALL	587912.5	4126735	NonCancerAcute	1.23E-07	9.95E-06	2.45E-03	0.00E+00	3.92E-07	2.50E-03	4.44E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	6.00E-02
621	ALL	588012.5	4126815	NonCancerAcute	1.23E-07	9.94E-06	2.45E-03	0.00E+00	3.91E-07	2.50E-03	4.43E-02	0.00E+00	6.00E-02	0.00E+00	0.00E+00	2.45E-03	0.00E+00	0.00E+00	6.00E-02
154	ALL	588072.5	4126355	NonCancerAcute	1.22E-07	9.85E-06	2.43E-03	0.00E+00	3.88E-07	2.48E-03	4.40E-02	0.00E+00	5.95E-02	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	5.95E-02
480	ALL	588292.5	4126715	NonCancerAcute	1.22E-07	9.84E-06	2.43E-03	0.00E+00	3.88E-07	2.47E-03	4.39E-02	0.00E+00	5.94E-02	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	5.94E-02
263	ALL	587912.5	4126515	NonCancerAcute	1.22E-07	9.83E-06	2.43E-03	0.00E+00	3.87E-07	2.47E-03	4.39E-02	0.00E+00	5.94E-02	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	5.94E-02
222	ALL	587972.5	4126435	NonCancerAcute	1.22E-07	9.83E-06	2.43E-03	0.00E+00	3.87E-07	2.47E-03	4.39E-02	0.00E+00	5.93E-02	0.00E+00	0.00E+00	2.43E-03	0.00E+00	0.00E+00	5.93E-02
556	ALL	587952.5	4126775	NonCancerAcute	1.22E-07	9.80E-06	2.42E-03	0.00E+00	3.86E-07	2.46E-03	4.37E-02	0.00E+00	5.91E-02	0.00E+00	0.00E+00	2.42E-03	0.00E+00	0.00E+00	5.91E-02
653	ALL	588032.5	4126835	NonCancerAcute	1.22E-07	9.79E-06	2.41E-03	0.00E+00	3.86E-07	2.46E-03	4.37E-02	0.00E+00	5.91E-02	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	5.91E-02
555	ALL	587932.5	4126775	NonCancerAcute	1.21E-07	9.77E-06	2.41E-03	0.00E+00	3.85E-07	2.46E-03	4.36E-02	0.00E+00	5.90E-02	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	5.90E-02
659	ALL	588152.5	4126835	NonCancerAcute	1.21E-07	9.76E-06	2.41E-03	0.00E+00	3.85E-07	2.45E-03	4.36E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	5.89E-02
571	ALL	588252.5	4126775	NonCancerAcute	1.21E-07	9.75E-06	2.41E-03	0.00E+00	3.84E-07	2.45E-03	4.35E-02	0.00E+00	5.89E-02	0.00E+00	0.00E+00	2.41E-03	0.00E+00	0.00E+00	5.89E-02
630	ALL	588192.5	4126815	NonCancerAcute	1.21E-07	9.74E-06	2.40E-03	0.00E+00	3.84E-07	2.45E-03	4.35E-02	0.00E+00	5.88E-02	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	5.88E-02
629	ALL	588172.5	4126815	NonCancerAcute	1.21E-07	9.73E-06	2.40E-03	0.00E+00	3.83E-07	2.45E-03	4.34E-02	0.00E+00	5.87E-02	0.00E+00	0.00E+00	2.40E-03	0.00E+00	0.00E+00	5.87E-02
364	ALL	588332.5	4126635	NonCancerAcute	1.20E-07	9.69E-06	2.39E-03	0.00E+00	3.82E-07	2.44E-03	4.32E-02	0.00E+00	5.85E-02	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	5.85E-02
631	ALL	588212.5	4126815	NonCancerAcute	1.20E-07	9.68E-06	2.39E-03	0.00E+00	3.82E-07	2.43E-03	4.32E-02	0.00E+00	5.85E-02	0.00E+00	0.00E+00	2.39E-03	0.00E+00	0.00E+00	5.85E-02
419	ALL	588312.5	4126675	NonCancerAcute	1.20E-07	9.65E-06	2.38E-03	0.00E+00	3.80E-07	2.43E-03	4.31E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	5.83E-02
523	ALL	587912.5	4126755	NonCancerAcute	1.20E-07	9.65E-06	2.38E-03	0.00E+00	3.80E-07	2.43E-03	4.31E-02	0.00E+00	5.83E-02	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	5.83E-02
657	ALL	588112.5	4126835	NonCancerAcute	1.20E-07	9.64E-06	2.38E-03	0.00E+00	3.80E-07	2.42E-03	4.30E-02	0.00E+00	5.82E-02	0.00E+00	0.00E+00	2.38E-03	0.00E+00	0.00E+00	5.82E-02
153	ALL	588052.5	4126355	NonCancerAcute	1.19E-07	9.56E-06	2.36E-03	0.00E+00	3.77E-07	2.40E-03	4.27E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	5.77E-02
349	ALL	587892.5	4126635	NonCancerAcute	1.19E-07	9.56E-06	2.36E-03	0.00E+00	3.77E-07	2.40E-03	4.27E-02	0.00E+00	5.77E-02	0.00E+00	0.00E+00	2.36E-03	0.00E+00	0.00E+00	5.77E-02
685	ALL	588052.5	4126855	NonCancerAcute	1.18E-07	9.54E-06	2.35E-03	0.00E+00	3.76E-07	2.40E-03	4.26E-02	0.00E+00	5.76E-02	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	5.76E-02
686	ALL	588072.5	4126855	NonCancerAcute	1.18E-07	9.53E-06	2.35E-03	0.00E+00	3.75E-07	2.40E-03	4.25E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	5.75E-02
620	ALL	587992.5	4126815	NonCancerAcute	1.18E-07	9.53E-06	2.35E-03	0.00E+00	3.75E-07	2.40E-03	4.25E-02	0.00E+00	5.75E-02	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	5.75E-02
254	ALL	587912.5	4126495	NonCancerAcute	1.18E-07	9.52E-06	2.35E-03	0.00E+00	3.75E-07	2.39E-03	4.25E-02	0.00E+00	5.74E-02	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	5.74E-02
207	ALL	587972.5	4126415	NonCancerAcute	1.18E-07	9.51E-06	2.35E-03	0.00E+00	3.75E-07	2.39E-03	4.24E-02	0.00E+00	5.74E-02	0.00E+00	0.00E+00	2.35E-03	0.00E+00	0.00E+00	5.74E-02
233	ALL	587932.5	4126455	NonCancerAcute	1.18E-07	9.50E-06	2.34E-03	0.00E+00	3.74E-07	2.39E-03	4.24E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	5.73E-02
601	ALL	588232.5	4126795	NonCancerAcute	1.18E-07	9.50E-06	2.34E-03	0.00E+00	3.74E-07	2.39E-03	4.24E-02	0.00E+00	5.73E-02	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	5.73E-02
428	ALL	587872.5	4126695	NonCancerAcute	1.18E-07	9.48E-06	2.34E-03	0.00E+00	3.74E-07	2.38E-03	4.23E-02	0.00E+00	5.72E-02	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	5.72E-02
295	ALL	587892.5	4126575	NonCancerAcute	1.18E-07	9.48E-06	2.34E-03	0.00E+00	3.74E-07	2.38E-03	4.23E-02	0.00E+00	5.72E-02	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	5.72E-02
221	ALL	587952.5	4126435	NonCancerAcute	1.18E-07	9.47E-06	2.34E-03	0.00E+00	3.73E-07	2.38E-03	4.23E-02	0.00E+00	5.71E-02	0.00E+00	0.00E+00	2.34E-03	0.00E+00	0.00E+00	5.71E-02
152	ALL	588032.5	4126355	NonCancerAcute	1.17E-07	9.42E-06	2.32E-03	0.00E+00	3.71E-07	2.37E-03	4.20E-02	0.00E+00	5.69E-02	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	5.69E-02
283	ALL	587892.5	4126555	NonCancerAcute	1.17E-07	9.41E-06	2.32E-03	0.00E+00	3.71E-07	2.37E-03	4.20E-02	0.00E+00	5.68E-02	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	5.68E-02
459	ALL	587872.5	4126715	NonCancerAcute	1.17E-07	9.41E-06	2.32E-03	0.00E+00	3.71E-07	2.37E-03	4.20E-02	0.00E+00	5.68E-02	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	5.68E-02
588	ALL	587972.5	4126795	NonCancerAcute	1.17E-07	9.39E-06	2.32E-03	0.00E+00	3.70E-07	2.36E-03	4.19E-02	0.00E+00	5.67E-02	0.00E+00	0.00E+00	2.32E-03	0.00E+00	0.00E+00	5.67E-02
687	ALL	588092.5	4126855	NonCancerAcute	1.16E-07	9.36E-06	2.31E-03	0.00E+00	3.69E-07	2.35E-03	4.18E-02	0.00E+00	5.65E-02	0.00E+00	0.00E+00	2.31E-03	0.00E+00	0.00E+00	5.65E-02
572	ALL	588272.5	4126775	NonCancerAcute	1.16E-07	9.34E-06	2.30E-03	0.00E+00	3.68E-07	2.35E-03	4.17E-02	0.00E+00	5.64E-02	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	5.64E-02
171	ALL	587992.5	4126375	NonCancerAcute	1.16E-07	9.34E-06	2.30E-03	0.00E+00	3.68E-07	2.35E-03	4.17E-02	0.00E+00	5.64E-02	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	5.64E-02
192	ALL	588292.5	4126395	NonCancerAcute	1.16E-07	9.33E-06	2.30E-03	0.00E+00	3.68E-07	2.35E-03	4.17E-02	0.00E+00	5.63E-02	0.00E+00	0.00E+00	2.30E-03	0.00E+00	0.00E+00	5.63E-02
554	ALL	587912.5	4126775	NonCancerAcute	1.15E-07	9.28E-06	2.29E-03	0.00E+00	3.66E-07	2.33E-03	4.14E-02	0.00E+00	5.60E-02	0.00E+00	0.00E+00	2.29E-03	0.00E+00	0.00E+00	5.60E-02
319	ALL	588352.5	4126595	NonCancerAcute	1.14E-07	9.19E-06	2.27E-03	0.00E+00	3.62E-07	2.31E-03	4.10E-02	0.00E+00	5.55E-02	0.00E+00	0.00E+00	2.27E-03	0.00E+00	0.00E+00	5.55E-02
652	ALL	588012.5	4126835	NonCancerAcute	1.14E-07	9.17E-06	2.26E-03	0.00E+00	3.61E-07	2.31E-03	4.09E-02	0.00E+00	5.53E-02	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	5.53E-02
151	ALL	588012.5	4126355	NonCancerAcute	1.14E-07	9.17E-06	2.26E-03	0.00E+00	3.61E-07	2.31E-03	4.09E-02	0.00E+00	5.53E-02	0.00E+00	0.00E+00	2.26E-03	0.00E+00	0.00E+00	5.53E-02
341	ALL	588352.5	4126615	NonCancerAcute	1.13E-07	9.12E-06	2.25E-03	0.00E+00	3.59E-07	2.29E-03	4.07E-02	0.00E+00	5.50E-02	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	5.50E-02
308	ALL	587892.5	4126595	NonCancerAcute	1.13E-07	9.11E-06	2.25E-03	0.00E+00	3.59E-07	2.29E-03	4.07E-02	0.00E+00	5.50E-02	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	5.50E-02
244	ALL	587912.5	4126475	NonCancerAcute	1.13E-07	9.10E-06	2.25E-03	0.00E+00	3.59E-07	2.29E-03	4.06E-02	0.00E+00	5.50E-02	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	5.50E-02
271	ALL	587892.5	4126535	NonCancerAcute	1.13E-07	9.10E-06	2.25E-03	0.00E+00	3.59E-07	2.29E-03	4.06E-02	0.00E+00	5.49E-02	0.00E+00	0.00E+00	2.25E-03	0.00E+00	0.00E+00	5.49E-02
511	ALL	588292.5	4126735	NonCancerAcute	1.13E-07	9.10E-06	2.24E-03	0.00E+00	3.58E-07	2.29E-03	4.06E-02	0.00E+00	5.49E-02	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	5.49E-02
389	ALL	588332.5	4126655	NonCancerAcute	1.13E-07	9.09E-06	2.24E-03	0.00E+00	3.58E-07	2.29E-03	4.06E-02	0.00E+00	5.49E-02	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	5.49E-02
602	ALL	588252.5	4126795	NonCancerAcute	1.13E-07	9.08E-06	2.24E-03	0.00E+00	3.58E-07	2.28E-03	4.05E-02	0.00E+00	5.48E-02	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	5.48E-02
397	ALL	587872.5	4126675	NonCancerAcute	1.13E-07	9.06E-06	2.24E-03	0.00E+00	3.57E-07	2.28E-03	4.04E-02	0.00E+00	5.47E-02	0.00E+00	0.00E+00	2.24E-03	0.00E+00	0.00E+00	5.47E-02
684	ALL	588032.5	4126855	NonCancerAcute	1.12E-07	9.02E-06	2.23E-03	0.00E+00	3.56E-07	2.27E-03	4.03E-02	0.00E+00	5.45E-02	0.00E+00	0.00E+00	2.23E-03	0.00E+00	0.00E+00	5.45E-02
689	ALL	588132.5	4126855	NonCancerAcute	1.12E-07	9.02E-06	2.22E-03	0.00E+00	3.55E-07	2.27E-03	4.02E-02	0.00E+00	5.44E-02	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	5.44E-02
450	ALL	588312.5	4126695	NonCancerAcute	1.12E-07	9.02E-06	2.22E-03	0.00E+00	3.55E-07	2.27E-03	4.02E-02	0.00E+00	5.44E-02	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	5.44E-02
372	ALL	587872.5	4126655	NonCancerAcute	1.12E-07	9.00E-06	2.22E-03	0.00E+00	3.55E-07	2.26E-03	4.02E-02	0.00E+00	5.43E-02	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	5.43E-02
587	ALL	587952.5	4126795	NonCancerAcute	1.12E-07	8.99E-06	2.22E-03	0.00E+00	3.54E-07	2.26E-03	4.01E-02	0.00E+00	5.43E-02	0.00E+00	0.00E+00	2.22E-03	0.00E+00	0.00E+00	5.43E-02
688	ALL	588112.5	4126855	NonCancerAcute	1.11E-07	8.96E-06	2.21E-03	0.00E+00	3.53E-07	2.25E-03	4.00E-02	0.00E+00	5.41E-02	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	5.41E-02
660	ALL	588172.5	4126835	NonCancerAcute	1.11E-07	8.95E-06	2.21E-03	0.00E+00	3.53E-07	2.25E-03	4.00E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	5.40E-02
327	ALL	587892.5	4126615	NonCancerAcute	1.11E-07	8.94E-06	2.21E-03	0.00E+00	3.52E-07	2.25E-03	3.99E-02	0.00E+00	5.40E-02	0.00E+00	0.00E+00	2.21E-03	0.00E+00	0.00E+00	5.40E-02
491	ALL	587892.5	4126735	NonCancerAcute	1.11E-07	8.93E-06	2.20E-03	0.00E+00	3.52E-07	2.24E-03	3.99E-02	0.00E+00	5.39E-02	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	5.39E-02
262	ALL	587892.5	4126515	NonCancerAcute	1.11E-07	8.93E-06	2.20E-03	0.00E+00	3.52E-07	2.24E-03	3.98E-02	0.00E+00	5.39E-02	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	5.39E-02
209	ALL	588332.5	4126415	NonCancerAcute	1.11E-07	8.91E-06	2.20E-03	0.00E+00	3.51E-07	2.24E-03	3.98E-02	0.00E+00	5.38E-02	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	5.38E-02
220	ALL	587932.5	4126435	NonCancerAcute	1.11E-07	8.90E-06	2.20E-03	0.00E+00	3.51E-07	2.24E-03	3.97E-02	0.00E+00	5.37E-02	0.00E+00	0.00E+00	2.20E-03	0.00E+00	0.00E+00	5.37E-02
690	ALL	588152.5	4126855	NonCancerAcute	1.10E-07	8.89E-06	2.19E-03	0.00E+00	3.50E-07	2.23E-03	3.97E-02	0.00E+00	5.36E-02	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	5.36E-02
193	ALL	588312.5	4126395	NonCancerAcute	1.10E-07	8.88E-06	2.19E-03	0.00E+00	3.50E-07	2.23E-03	3.96E-02	0.00E+00	5.36E-02	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	5.36E-02
632	ALL	588232.5	4126815	NonCancerAcute	1.10E-07	8.88E-06	2.19E-03	0.00E+00	3.50E-07	2.23E-03	3.96E-02	0.00E+00	5.36E-02	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	5.36E-02
189	ALL	587972.5	4126395	NonCancerAcute	1.10E-07	8.86E-06	2.19E-03	0.00E+00	3.49E-07	2.23E-03	3.96E-02	0.00E+00	5.35E-02	0.00E+00	0.00E+00	2.19E-03	0.00E+00	0.00E+00	5.35E-02
131	ALL	588072.5	4126335	NonCancerAcute	1.10E-07	8.84E-06	2.18E-03	0.00E+00	3.48E-07	2.22E-03	3.95E-02	0.00E+00	5.34E-02	0.00E+00	0.00E+00	2.18E-03	0.00E+00	0.00E+00	5.34E-02
481	ALL	588312.5	4126715	NonCancerAcute	1.09E-07	8.81E-06	2.17E-03	0.00E+00	3.47E-07	2.21E-03	3.93E-02	0.00E+00	5.32E-02	0.00E+00	0.00E+00	2.17E-03	0.00E+00	0.00E+00	5.32E-02
150	ALL	587992.5	4126355	NonCancerAcute	1.09E-07	8.75E-06	2.16E-03	0.00E+00	3.45E-07	2.20E-03	3.91E-02	0.00E+00	5.28E-02	0.00E+00	0.00E+00	2.16E-03	0.00E+00	0.00E+00	5.28E-02
619	ALL	587972.5	4126815	NonCancerAcute	1.08E-07	8.73E-06	2.15E-03	0.00E+00	3.44E-07	2.19E-03	3.90E-02	0.00E+00	5.27E-02	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	5.27E-02
662	ALL	588212.5	4126835	NonCancerAcute	1.08E-07	8.73E-06	2.15E-03	0.00E+00	3.44E-07	2.19E-03	3.89E-02	0.00E+00	5.27E-02	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	5.27E-02
490	ALL	587872.5	4126735	NonCancerAcute	1.08E-07	8.72E-06	2.15E-03	0.00E+00	3.44E-07	2.19E-03	3.89E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	5.26E-02
542	ALL	588292.5	4126755	NonCancerAcute	1.08E-07	8.72E-06	2.15E-03	0.00E+00	3.44E-07	2.19E-03	3.89E-02	0.00E+00	5.26E-02	0.00E+00	0.00E+00	2.15E-03	0.00E+00	0.00E+00	5.26E-02
420	ALL	588332.5	4126675	NonCancerAcute	1.08E-07	8.69E-06	2.14E-03	0.00E+00	3.42E-07	2.19E-03	3.88E-02	0.00E+00	5.25E-02	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	5.25E-02
651	ALL	587992.5	4126835	NonCancerAcute	1.08E-07	8.69E-06	2.14E-03	0.00E+00	3.42E-07	2.18E-03	3.88E-02	0.00E+00	5.24E-02	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	5.24E-02
232	ALL	587912.5	4126455	NonCancerAcute	1.08E-07	8.66E-06	2.14E-03	0.00E+00	3.41E-07	2.18E-03	3.87E-02	0.00E+00	5.23E-02	0.00E+00	0.00E+00	2.14E-03	0.00E+00	0.00E+00	5.23E-02
365	ALL	588352.5	4126635	NonCancerAcute	1.07E-07	8.61E-06	2.12E-03	0.00E+00	3.39E-07	2.16E-03	3.84E-02	0.00E+00	5.20E-02	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	5.20E-02
253	ALL	587892.5	4126495	NonCancerAcute	1.07E-07	8.60E-06	2.12E-03	0.00E+00	3.39E-07	2.16E-03	3.84E-02	0.00E+00	5.19E-02	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	5.19E-02
458	ALL	587852.5	4126715	NonCancerAcute	1.07E-07	8.59E-06	2.12E-03	0.00E+00	3.39E-07	2.16E-03	3.84E-02	0.00E+00	5.19E-02	0.00E+00	0.00E+00	2.12E-03	0.00E+00	0.00E+00	5.19E-02
522	ALL	587892.5	4126755	NonCancerAcute	1.06E-07	8.57E-06	2.11E-03	0.00E+00	3.38

282	ALL	587872.5	4126555	NonCancerAcute	1.04E-07	8.41E-06	2.08E-03	0.00E+00	3.32E-07	2.12E-03	3.76E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	2.08E-03	0.00E+00	0.00E+00	5.08E-02
633	ALL	588252.5	4126815	NonCancerAcute	1.04E-07	8.41E-06	2.07E-03	0.00E+00	3.31E-07	2.11E-03	3.75E-02	0.00E+00	5.08E-02	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	5.08E-02
683	ALL	588012.5	4126855	NonCancerAcute	1.04E-07	8.40E-06	2.07E-03	0.00E+00	3.31E-07	2.11E-03	3.75E-02	0.00E+00	5.07E-02	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	5.07E-02
128	ALL	588012.5	4126335	NonCancerAcute	1.04E-07	8.37E-06	2.07E-03	0.00E+00	3.30E-07	2.11E-03	3.74E-02	0.00E+00	5.05E-02	0.00E+00	0.00E+00	2.07E-03	0.00E+00	0.00E+00	5.05E-02
512	ALL	588312.5	4126735	NonCancerAcute	1.04E-07	8.36E-06	2.06E-03	0.00E+00	3.29E-07	2.10E-03	3.73E-02	0.00E+00	5.04E-02	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	5.04E-02
243	ALL	587892.5	4126475	NonCancerAcute	1.03E-07	8.33E-06	2.06E-03	0.00E+00	3.28E-07	2.10E-03	3.72E-02	0.00E+00	5.03E-02	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	5.03E-02
132	ALL	588092.5	4126335	NonCancerAcute	1.03E-07	8.33E-06	2.06E-03	0.00E+00	3.28E-07	2.10E-03	3.72E-02	0.00E+00	5.03E-02	0.00E+00	0.00E+00	2.06E-03	0.00E+00	0.00E+00	5.03E-02
427	ALL	587852.5	4126695	NonCancerAcute	1.03E-07	8.32E-06	2.05E-03	0.00E+00	3.28E-07	2.09E-03	3.71E-02	0.00E+00	5.02E-02	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	5.02E-02
174	ALL	588292.5	4126375	NonCancerAcute	1.03E-07	8.31E-06	2.05E-03	0.00E+00	3.27E-07	2.09E-03	3.71E-02	0.00E+00	5.01E-02	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	5.01E-02
489	ALL	587852.5	4126735	NonCancerAcute	1.03E-07	8.30E-06	2.05E-03	0.00E+00	3.27E-07	2.09E-03	3.70E-02	0.00E+00	5.01E-02	0.00E+00	0.00E+00	2.05E-03	0.00E+00	0.00E+00	5.01E-02
691	ALL	588172.5	4126855	NonCancerAcute	1.03E-07	8.28E-06	2.04E-03	0.00E+00	3.26E-07	2.08E-03	3.69E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	5.00E-02
650	ALL	587972.5	4126835	NonCancerAcute	1.03E-07	8.28E-06	2.04E-03	0.00E+00	3.26E-07	2.08E-03	3.69E-02	0.00E+00	5.00E-02	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	5.00E-02
663	ALL	588232.5	4126835	NonCancerAcute	1.03E-07	8.27E-06	2.04E-03	0.00E+00	3.26E-07	2.08E-03	3.69E-02	0.00E+00	4.99E-02	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	4.99E-02
188	ALL	587952.5	4126395	NonCancerAcute	1.03E-07	8.26E-06	2.04E-03	0.00E+00	3.25E-07	2.08E-03	3.69E-02	0.00E+00	4.98E-02	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	4.98E-02
170	ALL	587972.5	4126375	NonCancerAcute	1.02E-07	8.25E-06	2.04E-03	0.00E+00	3.25E-07	2.07E-03	3.68E-02	0.00E+00	4.98E-02	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	4.98E-02
342	ALL	588372.5	4126615	NonCancerAcute	1.02E-07	8.25E-06	2.04E-03	0.00E+00	3.25E-07	2.07E-03	3.68E-02	0.00E+00	4.98E-02	0.00E+00	0.00E+00	2.04E-03	0.00E+00	0.00E+00	4.98E-02
320	ALL	588372.5	4126595	NonCancerAcute	1.02E-07	8.25E-06	2.03E-03	0.00E+00	3.25E-07	2.07E-03	3.68E-02	0.00E+00	4.98E-02	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	4.98E-02
270	ALL	587872.5	4126535	NonCancerAcute	1.02E-07	8.23E-06	2.03E-03	0.00E+00	3.24E-07	2.07E-03	3.67E-02	0.00E+00	4.97E-02	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	4.97E-02
219	ALL	587912.5	4126435	NonCancerAcute	1.02E-07	8.23E-06	2.03E-03	0.00E+00	3.24E-07	2.07E-03	3.67E-02	0.00E+00	4.97E-02	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	4.97E-02
618	ALL	587952.5	4126815	NonCancerAcute	1.02E-07	8.22E-06	2.03E-03	0.00E+00	3.24E-07	2.07E-03	3.67E-02	0.00E+00	4.96E-02	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	4.96E-02
396	ALL	587852.5	4126675	NonCancerAcute	1.02E-07	8.22E-06	2.03E-03	0.00E+00	3.24E-07	2.07E-03	3.67E-02	0.00E+00	4.96E-02	0.00E+00	0.00E+00	2.03E-03	0.00E+00	0.00E+00	4.96E-02
307	ALL	587872.5	4126595	NonCancerAcute	1.02E-07	8.18E-06	2.02E-03	0.00E+00	3.22E-07	2.06E-03	3.65E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	4.94E-02
451	ALL	588332.5	4126695	NonCancerAcute	1.02E-07	8.18E-06	2.02E-03	0.00E+00	3.22E-07	2.06E-03	3.65E-02	0.00E+00	4.94E-02	0.00E+00	0.00E+00	2.02E-03	0.00E+00	0.00E+00	4.94E-02
390	ALL	588352.5	4126655	NonCancerAcute	1.01E-07	8.16E-06	2.01E-03	0.00E+00	3.21E-07	2.05E-03	3.64E-02	0.00E+00	4.92E-02	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	4.92E-02
584	ALL	587892.5	4126795	NonCancerAcute	1.01E-07	8.15E-06	2.01E-03	0.00E+00	3.21E-07	2.05E-03	3.64E-02	0.00E+00	4.92E-02	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	4.92E-02
348	ALL	587872.5	4126635	NonCancerAcute	1.01E-07	8.14E-06	2.01E-03	0.00E+00	3.21E-07	2.05E-03	3.64E-02	0.00E+00	4.92E-02	0.00E+00	0.00E+00	2.01E-03	0.00E+00	0.00E+00	4.92E-02
127	ALL	587992.5	4126335	NonCancerAcute	1.01E-07	8.13E-06	2.00E-03	0.00E+00	3.20E-07	2.04E-03	3.63E-02	0.00E+00	4.90E-02	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	4.90E-02
175	ALL	588312.5	4126375	NonCancerAcute	1.01E-07	8.12E-06	2.00E-03	0.00E+00	3.20E-07	2.04E-03	3.63E-02	0.00E+00	4.90E-02	0.00E+00	0.00E+00	2.00E-03	0.00E+00	0.00E+00	4.90E-02
223	ALL	588352.5	4126435	NonCancerAcute	1.00E-07	8.08E-06	1.99E-03	0.00E+00	3.19E-07	2.03E-03	3.61E-02	0.00E+00	4.88E-02	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	4.88E-02
604	ALL	588292.5	4126795	NonCancerAcute	1.00E-07	8.08E-06	1.99E-03	0.00E+00	3.18E-07	2.03E-03	3.60E-02	0.00E+00	4.87E-02	0.00E+00	0.00E+00	1.99E-03	0.00E+00	0.00E+00	4.87E-02
261	ALL	587872.5	4126515	NonCancerAcute	9.99E-08	8.04E-06	1.98E-03	0.00E+00	3.17E-07	2.02E-03	3.59E-02	0.00E+00	4.86E-02	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	4.86E-02
326	ALL	587872.5	4126615	NonCancerAcute	9.98E-08	8.04E-06	1.98E-03	0.00E+00	3.17E-07	2.02E-03	3.59E-02	0.00E+00	4.85E-02	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	4.85E-02
107	ALL	588132.5	4126315	NonCancerAcute	9.96E-08	8.03E-06	1.98E-03	0.00E+00	3.16E-07	2.02E-03	3.58E-02	0.00E+00	4.84E-02	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	4.84E-02
682	ALL	587992.5	4126855	NonCancerAcute	9.95E-08	8.01E-06	1.98E-03	0.00E+00	3.16E-07	2.01E-03	3.58E-02	0.00E+00	4.84E-02	0.00E+00	0.00E+00	1.98E-03	0.00E+00	0.00E+00	4.84E-02
149	ALL	587972.5	4126355	NonCancerAcute	9.87E-08	7.95E-06	1.96E-03	0.00E+00	3.13E-07	2.00E-03	3.55E-02	0.00E+00	4.80E-02	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	4.80E-02
371	ALL	587852.5	4126655	NonCancerAcute	9.85E-08	7.93E-06	1.96E-03	0.00E+00	3.13E-07	2.00E-03	3.54E-02	0.00E+00	4.79E-02	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	4.79E-02
236	ALL	588372.5	4126455	NonCancerAcute	9.85E-08	7.93E-06	1.96E-03	0.00E+00	3.12E-07	1.99E-03	3.54E-02	0.00E+00	4.79E-02	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	4.79E-02
210	ALL	588352.5	4126415	NonCancerAcute	9.84E-08	7.93E-06	1.96E-03	0.00E+00	3.12E-07	1.99E-03	3.54E-02	0.00E+00	4.79E-02	0.00E+00	0.00E+00	1.96E-03	0.00E+00	0.00E+00	4.79E-02
104	ALL	588072.5	4126315	NonCancerAcute	9.83E-08	7.92E-06	1.95E-03	0.00E+00	3.12E-07	1.99E-03	3.54E-02	0.00E+00	4.78E-02	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	4.78E-02
634	ALL	588272.5	4126815	NonCancerAcute	9.80E-08	7.89E-06	1.95E-03	0.00E+00	3.11E-07	1.98E-03	3.52E-02	0.00E+00	4.76E-02	0.00E+00	0.00E+00	1.95E-03	0.00E+00	0.00E+00	4.76E-02
521	ALL	587872.5	4126755	NonCancerAcute	9.78E-08	7.88E-06	1.94E-03	0.00E+00	3.10E-07	1.98E-03	3.52E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	4.75E-02
103	ALL	588052.5	4126315	NonCancerAcute	9.77E-08	7.87E-06	1.94E-03	0.00E+00	3.10E-07	1.98E-03	3.51E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	4.75E-02
231	ALL	587892.5	4126455	NonCancerAcute	9.77E-08	7.87E-06	1.94E-03	0.00E+00	3.10E-07	1.98E-03	3.51E-02	0.00E+00	4.75E-02	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	4.75E-02
421	ALL	588352.5	4126675	NonCancerAcute	9.76E-08	7.86E-06	1.94E-03	0.00E+00	3.10E-07	1.98E-03	3.51E-02	0.00E+00	4.74E-02	0.00E+00	0.00E+00	1.94E-03	0.00E+00	0.00E+00	4.74E-02
195	ALL	588352.5	4126395	NonCancerAcute	9.73E-08	7.84E-06	1.93E-03	0.00E+00	3.09E-07	1.97E-03	3.50E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.73E-02
101	ALL	588012.5	4126315	NonCancerAcute	9.73E-08	7.84E-06	1.93E-03	0.00E+00	3.09E-07	1.97E-03	3.50E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.73E-02
693	ALL	588212.5	4126855	NonCancerAcute	9.73E-08	7.84E-06	1.93E-03	0.00E+00	3.09E-07	1.97E-03	3.50E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.73E-02
692	ALL	588192.5	4126855	NonCancerAcute	9.72E-08	7.83E-06	1.93E-03	0.00E+00	3.09E-07	1.97E-03	3.50E-02	0.00E+00	4.73E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.73E-02
681	ALL	587972.5	4126855	NonCancerAcute	9.71E-08	7.82E-06	1.93E-03	0.00E+00	3.08E-07	1.97E-03	3.49E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.72E-02
252	ALL	587872.5	4126495	NonCancerAcute	9.71E-08	7.82E-06	1.93E-03	0.00E+00	3.08E-07	1.97E-03	3.49E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.72E-02
205	ALL	587932.5	4126415	NonCancerAcute	9.71E-08	7.82E-06	1.93E-03	0.00E+00	3.08E-07	1.97E-03	3.49E-02	0.00E+00	4.72E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.72E-02
482	ALL	588332.5	4126715	NonCancerAcute	9.70E-08	7.81E-06	1.93E-03	0.00E+00	3.08E-07	1.96E-03	3.49E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.71E-02
617	ALL	587932.5	4126815	NonCancerAcute	9.69E-08	7.81E-06	1.93E-03	0.00E+00	3.08E-07	1.96E-03	3.49E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.71E-02
543	ALL	588312.5	4126755	NonCancerAcute	9.69E-08	7.81E-06	1.93E-03	0.00E+00	3.08E-07	1.96E-03	3.48E-02	0.00E+00	4.71E-02	0.00E+00	0.00E+00	1.93E-03	0.00E+00	0.00E+00	4.71E-02
366	ALL	588372.5	4126635	NonCancerAcute	9.67E-08	7.79E-06	1.92E-03	0.00E+00	3.07E-07	1.96E-03	3.48E-02	0.00E+00	4.70E-02	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	4.70E-02
102	ALL	588032.5	4126315	NonCancerAcute	9.64E-08	7.76E-06	1.92E-03	0.00E+00	3.06E-07	1.95E-03	3.47E-02	0.00E+00	4.69E-02	0.00E+00	0.00E+00	1.92E-03	0.00E+00	0.00E+00	4.69E-02
457	ALL	587832.5	4126715	NonCancerAcute	9.61E-08	7.74E-06	1.91E-03	0.00E+00	3.05E-07	1.95E-03	3.45E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	4.67E-02
488	ALL	587832.5	4126735	NonCancerAcute	9.60E-08	7.73E-06	1.91E-03	0.00E+00	3.05E-07	1.94E-03	3.45E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	4.67E-02
176	ALL	588332.5	4126375	NonCancerAcute	9.59E-08	7.73E-06	1.91E-03	0.00E+00	3.05E-07	1.94E-03	3.45E-02	0.00E+00	4.67E-02	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00	4.67E-02
169	ALL	587952.5	4126375	NonCancerAcute	9.57E-08	7.71E-06	1.90E-03	0.00E+00	3.04E-07	1.94E-03	3.44E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	4.65E-02
155	ALL	588292.5	4126355	NonCancerAcute	9.55E-08	7.70E-06	1.90E-03	0.00E+00	3.03E-07	1.93E-03	3.44E-02	0.00E+00	4.65E-02	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	4.65E-02
664	ALL	588252.5	4126835	NonCancerAcute	9.54E-08	7.69E-06	1.90E-03	0.00E+00	3.03E-07	1.93E-03	3.43E-02	0.00E+00	4.64E-02	0.00E+00	0.00E+00	1.90E-03	0.00E+00	0.00E+00	4.64E-02
552	ALL	587872.5	4126775	NonCancerAcute	9.50E-08	7.65E-06	1.89E-03	0.00E+00	3.01E-07	1.92E-03	3.42E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	4.62E-02
187	ALL	587932.5	4126395	NonCancerAcute	9.49E-08	7.65E-06	1.89E-03	0.00E+00	3.01E-07	1.92E-03	3.41E-02	0.00E+00	4.62E-02	0.00E+00	0.00E+00	1.89E-03	0.00E+00	0.00E+00	4.62E-02
694	ALL	588232.5	4126855	NonCancerAcute	9.47E-08	7.63E-06	1.88E-03	0.00E+00	3.00E-07	1.92E-03	3.40E-02	0.00E+00	4.60E-02	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	4.60E-02
106	ALL	588112.5	4126315	NonCancerAcute	9.45E-08	7.61E-06	1.88E-03	0.00E+00	3.00E-07	1.91E-03	3.40E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	4.59E-02
293	ALL	587852.5	4126575	NonCancerAcute	9.44E-08	7.60E-06	1.88E-03	0.00E+00	3.00E-07	1.91E-03	3.39E-02	0.00E+00	4.59E-02	0.00E+00	0.00E+00	1.88E-03	0.00E+00	0.00E+00	4.59E-02
513	ALL	588332.5	4126735	NonCancerAcute	9.42E-08	7.59E-06	1.87E-03	0.00E+00	2.99E-07	1.91E-03	3.39E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	4.58E-02
616	ALL	587912.5	4126815	NonCancerAcute	9.42E-08	7.59E-06	1.87E-03	0.00E+00	2.99E-07	1.91E-03	3.39E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	4.58E-02
218	ALL	587892.5	4126435	NonCancerAcute	9.42E-08	7.59E-06	1.87E-03	0.00E+00	2.99E-07	1.91E-03	3.39E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	4.58E-02
242	ALL	587872.5	4126475	NonCancerAcute	9.42E-08	7.59E-06	1.87E-03	0.00E+00	2.99E-07	1.91E-03	3.39E-02	0.00E+00	4.58E-02	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	4.58E-02
100	ALL	587992.5	4126315	NonCancerAcute	9.41E-08	7.58E-06	1.87E-03	0.00E+00	2.99E-07	1.90E-03	3.38E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	4.57E-02
105	ALL	588092.5	4126315	NonCancerAcute	9.40E-08	7.57E-06	1.87E-03	0.00E+00	2.98E-07	1.90E-03	3.38E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	4.57E-02
204	ALL	587912.5	4126415	NonCancerAcute	9.39E-08	7.56E-06	1.87E-03	0.00E+00	2.98E-07	1.90E-03	3.38E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	4.57E-02
615	ALL	587892.5	4126815	NonCancerAcute	9.39E-08	7.56E-06	1.87E-03	0.00E+00	2.98E-07	1.90E-03	3.38E-02	0.00E+00	4.57E-02	0.00E+00	0.00E+00	1.87E-03	0.00E+00	0.00E+00	4.57E-02
583	ALL	587872.5	4126795	NonCancerAcute	9.38E-08	7.56E-06	1.86E-03	0.00E+00	2.98E-07	1.90E-03	3.37E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	4.56E-02
126	ALL	587972.5	4126335	NonCancerAcute	9.38E-08	7.56E-06	1.86E-03	0.00E+00	2.98E-07	1.90E-03	3.37E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	4.56E-02
133	ALL	588272.5	4126335	NonCancerAcute	9.38E-08	7.55E-06	1.86E-03	0.00E+00	2.98E-07	1.90E-03	3.37E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	4.56E-02
108	ALL	588232.5	4126315	NonCancerAcute	9.37E-08	7.55E-06	1.86E-03	0.00E+00	2.98E-07	1.90E-03	3.37E-02	0.00E+00	4.56E-02	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	4.56E-02
224	ALL	588372.5	4126435	NonCancerAcute	9.36E-08	7.54E-06	1.86E-03	0.00E+00	2.97E-07	1.90E-03	3.36E-02	0.00E+00	4.55E-02	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	4.55E-02
520	ALL	587852.5	4126755	NonCancerAcute	9.34E-08	7.52E-06	1.86E-03	0.00E+00	2.96E-07	1.89E-03	3.36E-02	0.00E+00	4.54E-02	0.00E+00	0.00E+00	1.86E-03	0.00E+00	0.00E+00	4.54E-02
452	ALL	588352.5	4126695	NonCancerAcute	9.32E-08	7.51E-06	1.85E-03	0.00E+00	2.96E-07	1.89E-03	3.35E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	4.53E-02
649	ALL	587952.5	4126835	NonCancerAcute	9.31E-08	7.50E-06	1.85E-03	0.00E+00	2.96E-07	1.89E-03	3.35E-02	0.00E+00	4.53E-02	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	4.53E-02
281	ALL	587852.5	4126555	NonCancerAcute	9.29E-08	7.48E-06	1.85E-03	0.00E+00	2.95E-07	1.88E-03	3.34E-02	0.00E+00	4.52E-02	0.00E+00	0.00E+00	1.85E-03	0.00E+00	0.00E+00	4.52E-02
177	ALL	588352.5	4126375	NonCancerAcute	9.28E-08	7.48E-06	1.84E-03	0.00E+00	2.95E-07	1.88E-03	3.34E-02	0.00E+00	4.51E-02	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	4.51E-02
343	ALL	588392.5	4126615	NonCancerAcute	9.28E-08	7.48E-06	1.84E-03	0.00E+00	2.95E-07	1.88E-03	3.34E-02	0.00E+00	4.51E-02	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	4.51E-02
574	ALL	588312.5	4126775	NonCancerAcute	9.26E-08	7.46E-06	1.84E-03	0.00E+00	2.94E-07	1.88E-03	3.33E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	4.50E-02
269	ALL	587852.5	4126535	NonCancerAcute	9.25E-08	7.45E-06	1.84E-03	0.00E+00	2.94E-07	1.87E-03	3.33E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	4.50E-02
80	ALL	588152.5	4126295	NonCancerAcute	9.25E-08	7.45E-06	1.84E-03	0.00E+00	2.94E-07	1.87E-03	3.33E-02	0.00E+00	4.50E-02	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	4.50E-02
665	ALL	588272.5	4126835	NonCancerAcute	9.24E-08	7.45E-06	1.84E-03	0.00E+00	2.93E-07	1.87E-03	3.32E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	1.84E-03	0.00E+00	0.00E+00	4.49E-02
395	ALL	587832.5	4126675	NonCancerAcute	9.23E-08	7.43E-06	1.83E-03	0.00E+00	2.93E-07	1.87E-03	3.32E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	4.49E-02
635	ALL	588292.5	4126815	NonCancerAcute	9.23E-08	7.43E-06	1.83E-03	0.00E+00	2.93E-07	1.87E-03	3.32E-02	0.00E+00	4.49E-02	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	4.49E-02
391	ALL	588372.5	4126655	NonCancerAcute	9.22E-08	7.43E-06	1.83E-03	0.00E+00	2.93E-07	1.87E-03	3.32E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	4.48E-02
321	ALL	588392.5	4126595	NonCancerAcute	9.21E-08	7.42E-06	1.83E-03	0.00E+00	2.92E-07	1.87E-03	3.31E-02	0.00E+00	4.48E-02	0.00E+00	0.00E+00	1.83E-03	0.00E+00	0.00E+00	4.48E-02
109	ALL	588252.5	4126315	NonCancerAcute	9.17E-08	7.39E-06	1.82E-03	0.00E+00	2.91E-07	1.86E-03	3.30E-02	0.00E+00	4.46E-02	0.00E+00	0.00E+00	1.82E-03	0.00E+00	0.00E+00	4.46E-02
426	ALL	587832.5	4126695	NonCancerAcute	9.14E-08	7.36E-06	1.82E-03	0.00E+00	2.90E-07

168	ALL	587932.5	4126375	NonCancerAcute	9.01E-08	7.25E-06	1.79E-03	0.00E+00	2.86E-07	1.82E-03	3.24E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	4.38E-02
230	ALL	587872.5	4126455	NonCancerAcute	9.00E-08	7.25E-06	1.79E-03	0.00E+00	2.86E-07	1.82E-03	3.24E-02	0.00E+00	4.38E-02	0.00E+00	0.00E+00	1.79E-03	0.00E+00	0.00E+00	4.38E-02
544	ALL	588332.5	4126755	NonCancerAcute	8.98E-08	7.23E-06	1.78E-03	0.00E+00	2.85E-07	1.82E-03	3.23E-02	0.00E+00	4.37E-02	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	4.37E-02
73	ALL	588012.5	4126295	NonCancerAcute	8.96E-08	7.22E-06	1.78E-03	0.00E+00	2.85E-07	1.82E-03	3.22E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	4.36E-02
237	ALL	588392.5	4126455	NonCancerAcute	8.96E-08	7.22E-06	1.78E-03	0.00E+00	2.84E-07	1.81E-03	3.22E-02	0.00E+00	4.36E-02	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	4.36E-02
211	ALL	588372.5	4126415	NonCancerAcute	8.94E-08	7.20E-06	1.78E-03	0.00E+00	2.84E-07	1.81E-03	3.22E-02	0.00E+00	4.35E-02	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	4.35E-02
648	ALL	587932.5	4126835	NonCancerAcute	8.94E-08	7.20E-06	1.78E-03	0.00E+00	2.84E-07	1.81E-03	3.21E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	1.78E-03	0.00E+00	0.00E+00	4.34E-02
203	ALL	587892.5	4126415	NonCancerAcute	8.93E-08	7.19E-06	1.77E-03	0.00E+00	2.83E-07	1.81E-03	3.21E-02	0.00E+00	4.34E-02	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	4.34E-02
422	ALL	588372.5	4126675	NonCancerAcute	8.90E-08	7.17E-06	1.77E-03	0.00E+00	2.82E-07	1.80E-03	3.20E-02	0.00E+00	4.33E-02	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	4.33E-02
76	ALL	588072.5	4126295	NonCancerAcute	8.89E-08	7.16E-06	1.77E-03	0.00E+00	2.82E-07	1.80E-03	3.20E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	4.32E-02
148	ALL	587952.5	4126355	NonCancerAcute	8.89E-08	7.16E-06	1.77E-03	0.00E+00	2.82E-07	1.80E-03	3.20E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	1.77E-03	0.00E+00	0.00E+00	4.32E-02
347	ALL	587852.5	4126635	NonCancerAcute	8.88E-08	7.15E-06	1.76E-03	0.00E+00	2.82E-07	1.80E-03	3.19E-02	0.00E+00	4.32E-02	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.32E-02
99	ALL	587972.5	4126315	NonCancerAcute	8.87E-08	7.14E-06	1.76E-03	0.00E+00	2.81E-07	1.80E-03	3.19E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.31E-02
74	ALL	588032.5	4126295	NonCancerAcute	8.87E-08	7.14E-06	1.76E-03	0.00E+00	2.81E-07	1.80E-03	3.19E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.31E-02
157	ALL	588332.5	4126355	NonCancerAcute	8.86E-08	7.13E-06	1.76E-03	0.00E+00	2.81E-07	1.79E-03	3.18E-02	0.00E+00	4.31E-02	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.31E-02
251	ALL	587852.5	4126495	NonCancerAcute	8.85E-08	7.13E-06	1.76E-03	0.00E+00	2.81E-07	1.79E-03	3.18E-02	0.00E+00	4.30E-02	0.00E+00	0.00E+00	1.76E-03	0.00E+00	0.00E+00	4.30E-02
367	ALL	588392.5	4126635	NonCancerAcute	8.82E-08	7.11E-06	1.75E-03	0.00E+00	2.80E-07	1.79E-03	3.17E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	4.29E-02
487	ALL	587812.5	4126735	NonCancerAcute	8.82E-08	7.10E-06	1.75E-03	0.00E+00	2.80E-07	1.79E-03	3.17E-02	0.00E+00	4.29E-02	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	4.29E-02
695	ALL	588252.5	4126855	NonCancerAcute	8.81E-08	7.09E-06	1.75E-03	0.00E+00	2.80E-07	1.78E-03	3.17E-02	0.00E+00	4.28E-02	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	4.28E-02
483	ALL	588352.5	4126715	NonCancerAcute	8.79E-08	7.08E-06	1.75E-03	0.00E+00	2.79E-07	1.78E-03	3.16E-02	0.00E+00	4.27E-02	0.00E+00	0.00E+00	1.75E-03	0.00E+00	0.00E+00	4.27E-02
72	ALL	587992.5	4126295	NonCancerAcute	8.75E-08	7.05E-06	1.74E-03	0.00E+00	2.78E-07	1.77E-03	3.15E-02	0.00E+00	4.25E-02	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	4.25E-02
196	ALL	588372.5	4126395	NonCancerAcute	8.74E-08	7.04E-06	1.74E-03	0.00E+00	2.78E-07	1.77E-03	3.14E-02	0.00E+00	4.25E-02	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	4.25E-02
225	ALL	588392.5	4126435	NonCancerAcute	8.73E-08	7.04E-06	1.74E-03	0.00E+00	2.77E-07	1.77E-03	3.14E-02	0.00E+00	4.25E-02	0.00E+00	0.00E+00	1.74E-03	0.00E+00	0.00E+00	4.25E-02
217	ALL	587872.5	4126435	NonCancerAcute	8.73E-08	7.03E-06	1.73E-03	0.00E+00	2.77E-07	1.77E-03	3.14E-02	0.00E+00	4.24E-02	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	4.24E-02
636	ALL	588312.5	4126815	NonCancerAcute	8.71E-08	7.02E-06	1.73E-03	0.00E+00	2.76E-07	1.76E-03	3.13E-02	0.00E+00	4.24E-02	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	4.24E-02
81	ALL	588232.5	4126295	NonCancerAcute	8.71E-08	7.02E-06	1.73E-03	0.00E+00	2.76E-07	1.76E-03	3.13E-02	0.00E+00	4.23E-02	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	4.23E-02
178	ALL	588372.5	4126375	NonCancerAcute	8.69E-08	7.00E-06	1.73E-03	0.00E+00	2.76E-07	1.76E-03	3.13E-02	0.00E+00	4.23E-02	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	4.23E-02
370	ALL	587832.5	4126655	NonCancerAcute	8.69E-08	7.00E-06	1.73E-03	0.00E+00	2.76E-07	1.76E-03	3.12E-02	0.00E+00	4.23E-02	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	4.23E-02
292	ALL	587832.5	4126575	NonCancerAcute	8.68E-08	6.99E-06	1.73E-03	0.00E+00	2.76E-07	1.76E-03	3.12E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	1.73E-03	0.00E+00	0.00E+00	4.22E-02
78	ALL	588112.5	4126295	NonCancerAcute	8.67E-08	6.99E-06	1.72E-03	0.00E+00	2.75E-07	1.76E-03	3.12E-02	0.00E+00	4.22E-02	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	4.22E-02
110	ALL	588272.5	4126315	NonCancerAcute	8.65E-08	6.97E-06	1.72E-03	0.00E+00	2.74E-07	1.75E-03	3.11E-02	0.00E+00	4.21E-02	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	4.21E-02
241	ALL	587852.5	4126475	NonCancerAcute	8.64E-08	6.96E-06	1.72E-03	0.00E+00	2.74E-07	1.75E-03	3.11E-02	0.00E+00	4.20E-02	0.00E+00	0.00E+00	1.72E-03	0.00E+00	0.00E+00	4.20E-02
551	ALL	587852.5	4126775	NonCancerAcute	8.61E-08	6.94E-06	1.71E-03	0.00E+00	2.73E-07	1.74E-03	3.10E-02	0.00E+00	4.19E-02	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.19E-02
52	ALL	588212.5	4126275	NonCancerAcute	8.59E-08	6.92E-06	1.71E-03	0.00E+00	2.73E-07	1.74E-03	3.09E-02	0.00E+00	4.18E-02	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.18E-02
518	ALL	587812.5	4126755	NonCancerAcute	8.59E-08	6.92E-06	1.71E-03	0.00E+00	2.73E-07	1.74E-03	3.09E-02	0.00E+00	4.17E-02	0.00E+00	0.00E+00	1.71E-03	0.00E+00	0.00E+00	4.17E-02
582	ALL	587852.5	4126795	NonCancerAcute	8.57E-08	6.90E-06	1.70E-03	0.00E+00	2.72E-07	1.74E-03	3.08E-02	0.00E+00	4.17E-02	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	4.17E-02
456	ALL	587812.5	4126715	NonCancerAcute	8.57E-08	6.90E-06	1.70E-03	0.00E+00	2.72E-07	1.73E-03	3.08E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	4.16E-02
666	ALL	588292.5	4126835	NonCancerAcute	8.56E-08	6.90E-06	1.70E-03	0.00E+00	2.72E-07	1.73E-03	3.08E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	4.16E-02
280	ALL	587832.5	4126555	NonCancerAcute	8.55E-08	6.89E-06	1.70E-03	0.00E+00	2.71E-07	1.73E-03	3.07E-02	0.00E+00	4.16E-02	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	4.16E-02
167	ALL	587912.5	4126375	NonCancerAcute	8.54E-08	6.88E-06	1.70E-03	0.00E+00	2.71E-07	1.73E-03	3.07E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	4.15E-02
158	ALL	588352.5	4126355	NonCancerAcute	8.53E-08	6.87E-06	1.70E-03	0.00E+00	2.71E-07	1.73E-03	3.07E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	4.15E-02
696	ALL	588272.5	4126855	NonCancerAcute	8.53E-08	6.87E-06	1.70E-03	0.00E+00	2.71E-07	1.73E-03	3.07E-02	0.00E+00	4.15E-02	0.00E+00	0.00E+00	1.70E-03	0.00E+00	0.00E+00	4.15E-02
453	ALL	588372.5	4126695	NonCancerAcute	8.52E-08	6.87E-06	1.69E-03	0.00E+00	2.70E-07	1.73E-03	3.06E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.14E-02
82	ALL	588252.5	4126295	NonCancerAcute	8.52E-08	6.86E-06	1.69E-03	0.00E+00	2.70E-07	1.72E-03	3.06E-02	0.00E+00	4.14E-02	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.14E-02
135	ALL	588312.5	4126335	NonCancerAcute	8.50E-08	6.85E-06	1.69E-03	0.00E+00	2.70E-07	1.72E-03	3.06E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.13E-02
77	ALL	588092.5	4126295	NonCancerAcute	8.50E-08	6.84E-06	1.69E-03	0.00E+00	2.70E-07	1.72E-03	3.05E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.13E-02
575	ALL	588332.5	4126775	NonCancerAcute	8.49E-08	6.84E-06	1.69E-03	0.00E+00	2.70E-07	1.72E-03	3.05E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.13E-02
49	ALL	588152.5	4126275	NonCancerAcute	8.49E-08	6.84E-06	1.69E-03	0.00E+00	2.69E-07	1.72E-03	3.05E-02	0.00E+00	4.13E-02	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.13E-02
268	ALL	587832.5	4126535	NonCancerAcute	8.48E-08	6.83E-06	1.69E-03	0.00E+00	2.69E-07	1.72E-03	3.05E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	1.69E-03	0.00E+00	0.00E+00	4.12E-02
51	ALL	588192.5	4126275	NonCancerAcute	8.47E-08	6.82E-06	1.68E-03	0.00E+00	2.69E-07	1.72E-03	3.04E-02	0.00E+00	4.12E-02	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.12E-02
392	ALL	588392.5	4126655	NonCancerAcute	8.46E-08	6.82E-06	1.68E-03	0.00E+00	2.69E-07	1.71E-03	3.04E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.11E-02
147	ALL	587932.5	4126355	NonCancerAcute	8.45E-08	6.81E-06	1.68E-03	0.00E+00	2.68E-07	1.71E-03	3.04E-02	0.00E+00	4.11E-02	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.11E-02
344	ALL	588412.5	4126615	NonCancerAcute	8.44E-08	6.80E-06	1.68E-03	0.00E+00	2.68E-07	1.71E-03	3.04E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.10E-02
514	ALL	588352.5	4126735	NonCancerAcute	8.44E-08	6.80E-06	1.68E-03	0.00E+00	2.68E-07	1.71E-03	3.04E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.10E-02
613	ALL	587852.5	4126815	NonCancerAcute	8.44E-08	6.80E-06	1.68E-03	0.00E+00	2.68E-07	1.71E-03	3.03E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.10E-02
646	ALL	587892.5	4126835	NonCancerAcute	8.44E-08	6.80E-06	1.68E-03	0.00E+00	2.68E-07	1.71E-03	3.03E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.10E-02
647	ALL	587912.5	4126835	NonCancerAcute	8.44E-08	6.80E-06	1.68E-03	0.00E+00	2.68E-07	1.71E-03	3.03E-02	0.00E+00	4.10E-02	0.00E+00	0.00E+00	1.68E-03	0.00E+00	0.00E+00	4.10E-02
645	ALL	587872.5	4126835	NonCancerAcute	8.42E-08	6.78E-06	1.67E-03	0.00E+00	2.67E-07	1.71E-03	3.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.09E-02
425	ALL	587812.5	4126695	NonCancerAcute	8.42E-08	6.78E-06	1.67E-03	0.00E+00	2.67E-07	1.71E-03	3.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.09E-02
71	ALL	587972.5	4126295	NonCancerAcute	8.42E-08	6.78E-06	1.67E-03	0.00E+00	2.67E-07	1.71E-03	3.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.09E-02
50	ALL	588172.5	4126275	NonCancerAcute	8.42E-08	6.78E-06	1.67E-03	0.00E+00	2.67E-07	1.71E-03	3.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.09E-02
186	ALL	587912.5	4126395	NonCancerAcute	8.42E-08	6.78E-06	1.67E-03	0.00E+00	2.67E-07	1.71E-03	3.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.09E-02
125	ALL	587952.5	4126335	NonCancerAcute	8.42E-08	6.78E-06	1.67E-03	0.00E+00	2.67E-07	1.70E-03	3.03E-02	0.00E+00	4.09E-02	0.00E+00	0.00E+00	1.67E-03	0.00E+00	0.00E+00	4.09E-02
305	ALL	587832.5	4126595	NonCancerAcute	8.37E-08	6.74E-06	1.66E-03	0.00E+00	2.65E-07	1.69E-03	3.01E-02	0.00E+00	4.07E-02	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	4.07E-02
248	ALL	588412.5	4126475	NonCancerAcute	8.36E-08	6.73E-06	1.66E-03	0.00E+00	2.65E-07	1.69E-03	3.00E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	4.06E-02
259	ALL	587832.5	4126515	NonCancerAcute	8.35E-08	6.73E-06	1.66E-03	0.00E+00	2.65E-07	1.69E-03	3.00E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	4.06E-02
679	ALL	587932.5	4126855	NonCancerAcute	8.34E-08	6.72E-06	1.66E-03	0.00E+00	2.65E-07	1.69E-03	3.00E-02	0.00E+00	4.06E-02	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	4.06E-02
322	ALL	588412.5	4126595	NonCancerAcute	8.34E-08	6.72E-06	1.66E-03	0.00E+00	2.65E-07	1.69E-03	3.00E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	4.05E-02
202	ALL	587872.5	4126415	NonCancerAcute	8.33E-08	6.71E-06	1.66E-03	0.00E+00	2.64E-07	1.69E-03	3.00E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	1.66E-03	0.00E+00	0.00E+00	4.05E-02
394	ALL	587812.5	4126675	NonCancerAcute	8.33E-08	6.71E-06	1.65E-03	0.00E+00	2.64E-07	1.69E-03	2.99E-02	0.00E+00	4.05E-02	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	4.05E-02
48	ALL	588132.5	4126275	NonCancerAcute	8.32E-08	6.70E-06	1.65E-03	0.00E+00	2.64E-07	1.68E-03	2.99E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	4.04E-02
111	ALL	588292.5	4126315	NonCancerAcute	8.31E-08	6.69E-06	1.65E-03	0.00E+00	2.64E-07	1.68E-03	2.99E-02	0.00E+00	4.04E-02	0.00E+00	0.00E+00	1.65E-03	0.00E+00	0.00E+00	4.04E-02
159	ALL	588372.5	4126355	NonCancerAcute	8.27E-08	6.66E-06	1.64E-03	0.00E+00	2.63E-07	1.68E-03	2.97E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	4.02E-02
229	ALL	587852.5	4126455	NonCancerAcute	8.26E-08	6.65E-06	1.64E-03	0.00E+00	2.62E-07	1.67E-03	2.97E-02	0.00E+00	4.02E-02	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	4.02E-02
43	ALL	588032.5	4126275	NonCancerAcute	8.24E-08	6.64E-06	1.64E-03	0.00E+00	2.62E-07	1.67E-03	2.96E-02	0.00E+00	4.01E-02	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	4.01E-02
545	ALL	588352.5	4126755	NonCancerAcute	8.24E-08	6.63E-06	1.64E-03	0.00E+00	2.61E-07	1.67E-03	2.96E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	4.00E-02
44	ALL	588052.5	4126275	NonCancerAcute	8.23E-08	6.63E-06	1.64E-03	0.00E+00	2.61E-07	1.67E-03	2.96E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	1.64E-03	0.00E+00	0.00E+00	4.00E-02
238	ALL	588412.5	4126455	NonCancerAcute	8.23E-08	6.63E-06	1.63E-03	0.00E+00	2.61E-07	1.67E-03	2.96E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	4.00E-02
212	ALL	588392.5	4126415	NonCancerAcute	8.23E-08	6.63E-06	1.63E-03	0.00E+00	2.61E-07	1.67E-03	2.96E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	4.00E-02
250	ALL	587832.5	4126495	NonCancerAcute	8.23E-08	6.63E-06	1.63E-03	0.00E+00	2.61E-07	1.67E-03	2.96E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	4.00E-02
324	ALL	587832.5	4126615	NonCancerAcute	8.22E-08	6.62E-06	1.63E-03	0.00E+00	2.61E-07	1.66E-03	2.96E-02	0.00E+00	4.00E-02	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	4.00E-02
98	ALL	587952.5	4126315	NonCancerAcute	8.21E-08	6.61E-06	1.63E-03	0.00E+00	2.61E-07	1.66E-03	2.95E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	3.99E-02
42	ALL	588012.5	4126275	NonCancerAcute	8.20E-08	6.60E-06	1.63E-03	0.00E+00	2.60E-07	1.66E-03	2.95E-02	0.00E+00	3.99E-02	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	3.99E-02
41	ALL	587992.5	4126275	NonCancerAcute	8.19E-08	6.60E-06	1.63E-03	0.00E+00	2.60E-07	1.66E-03	2.95E-02	0.00E+00	3.98E-02	0.00E+00	0.00E+00	1.63E-03	0.00E+00	0.00E+00	3.98E-02
226	ALL	588412.5	4126435	NonCancerAcute	8.16E-08	6.57E-06	1.62E-03	0.00E+00	2.59E-07	1.65E-03	2.93E-02	0.00E+00	3.97E-02	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	3.97E-02
667	ALL	588312.5	4126835	NonCancerAcute	8.15E-08	6.57E-06	1.62E-03	0.00E+00	2.59E-07	1.65E-03	2.93E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	3.96E-02
423	ALL	588392.5	4126675	NonCancerAcute	8.15E-08	6.57E-06	1.62E-03	0.00E+00	2.59E-07	1.65E-03	2.93E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	3.96E-02
216	ALL	587852.5	4126435	NonCancerAcute	8.14E-08	6.56E-06	1.62E-03	0.00E+00	2.58E-07	1.65E-03	2.93E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	3.96E-02
136	ALL	588332.5	4126335	NonCancerAcute	8.14E-08	6.55E-06	1.62E-03	0.00E+00	2.58E-07	1.65E-03	2.93E-02	0.00E+00	3.96E-02	0.00E+00	0.00E+00	1.62E-03	0.00E+00	0.00E+00	3.96E-02
484	ALL	588372.5	4126715	NonCancerAcute	8.12E-08	6.54E-06	1.61E-03	0.00E+00	2.58E-07	1.64E-03	2.92E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	3.95E-02
644	ALL	587852.5	4126835	NonCancerAcute	8.12E-08	6.54E-06	1.61E-03	0.00E+00	2.58E-07	1.64E-03	2.92E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	3.95E-02
697	ALL	588292.5	4126855	NonCancerAcute	8.12E-08	6.54E-06	1.61E-03	0.00E+00	2.58E-07	1.64E-03	2.92E-02	0.00E+00	3.95E-02	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	3.95E-02
606	ALL	588332.5	4126795	NonCancerAcute	8.11E-08	6.53E-06	1.61E-03	0.00E+00	2.57E-07	1.64E-03	2.92E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	3.94E-02
550	ALL	587832.5	4126775	NonCancerAcute	8.11E-08	6.53E-06	1.61E-03	0.00E+00	2.57E-07	1.64E-03	2.92E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	3.94E-02
368	ALL	588412.5	4126635	NonCancerAcute	8.10E-08	6.53E-06	1.61E-03	0.00E+00	2.57E-07	1.64E-03	2.91E-02	0.00E+00	3.94E-02	0.00E+00	0.00E+00	1.61E-03	0.00E+00	0.00E+00	3.94E-02
53	ALL	588232.5	4126275	NonCancerAcute	8.10E-08	6.52E-06	1.61E-03	0.00E+00	2.57

21	ALL	588212.5	4126255	NonCancerAcute	7.96E-08	6.41E-06	1.58E-03	0.00E+00	2.53E-07	1.61E-03	2.86E-02	0.00E+00	3.87E-02	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	3.87E-02
291	ALL	587812.5	4126575	NonCancerAcute	7.95E-08	6.40E-06	1.58E-03	0.00E+00	2.52E-07	1.61E-03	2.86E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	3.86E-02
240	ALL	587832.5	4126475	NonCancerAcute	7.94E-08	6.40E-06	1.58E-03	0.00E+00	2.52E-07	1.61E-03	2.86E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	3.86E-02
637	ALL	588332.5	4126815	NonCancerAcute	7.94E-08	6.40E-06	1.58E-03	0.00E+00	2.52E-07	1.61E-03	2.85E-02	0.00E+00	3.86E-02	0.00E+00	0.00E+00	1.58E-03	0.00E+00	0.00E+00	3.86E-02
576	ALL	588352.5	4126775	NonCancerAcute	7.92E-08	6.38E-06	1.57E-03	0.00E+00	2.51E-07	1.60E-03	2.85E-02	0.00E+00	3.85E-02	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	3.85E-02
185	ALL	587892.5	4126395	NonCancerAcute	7.90E-08	6.37E-06	1.57E-03	0.00E+00	2.51E-07	1.60E-03	2.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	3.84E-02
279	ALL	587812.5	4126555	NonCancerAcute	7.90E-08	6.36E-06	1.57E-03	0.00E+00	2.51E-07	1.60E-03	2.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	3.84E-02
70	ALL	587952.5	4126295	NonCancerAcute	7.90E-08	6.36E-06	1.57E-03	0.00E+00	2.51E-07	1.60E-03	2.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	3.84E-02
179	ALL	588392.5	4126375	NonCancerAcute	7.89E-08	6.36E-06	1.57E-03	0.00E+00	2.51E-07	1.60E-03	2.84E-02	0.00E+00	3.84E-02	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	3.84E-02
40	ALL	587972.5	4126275	NonCancerAcute	7.88E-08	6.35E-06	1.57E-03	0.00E+00	2.50E-07	1.60E-03	2.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	1.57E-03	0.00E+00	0.00E+00	3.83E-02
54	ALL	588252.5	4126275	NonCancerAcute	7.87E-08	6.34E-06	1.56E-03	0.00E+00	2.50E-07	1.59E-03	2.83E-02	0.00E+00	3.83E-02	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	3.83E-02
454	ALL	588392.5	4126695	NonCancerAcute	7.85E-08	6.33E-06	1.56E-03	0.00E+00	2.49E-07	1.59E-03	2.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	3.82E-02
137	ALL	588352.5	4126335	NonCancerAcute	7.85E-08	6.32E-06	1.56E-03	0.00E+00	2.49E-07	1.59E-03	2.82E-02	0.00E+00	3.82E-02	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	3.82E-02
20	ALL	588192.5	4126255	NonCancerAcute	7.83E-08	6.31E-06	1.56E-03	0.00E+00	2.49E-07	1.59E-03	2.82E-02	0.00E+00	3.81E-02	0.00E+00	0.00E+00	1.56E-03	0.00E+00	0.00E+00	3.81E-02
19	ALL	588172.5	4126255	NonCancerAcute	7.82E-08	6.30E-06	1.55E-03	0.00E+00	2.48E-07	1.58E-03	2.81E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.80E-02
201	ALL	587852.5	4126415	NonCancerAcute	7.82E-08	6.30E-06	1.55E-03	0.00E+00	2.48E-07	1.58E-03	2.81E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.80E-02
213	ALL	588412.5	4126415	NonCancerAcute	7.81E-08	6.29E-06	1.55E-03	0.00E+00	2.48E-07	1.58E-03	2.81E-02	0.00E+00	3.80E-02	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.80E-02
46	ALL	588092.5	4126275	NonCancerAcute	7.80E-08	6.28E-06	1.55E-03	0.00E+00	2.48E-07	1.58E-03	2.80E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.79E-02
166	ALL	587892.5	4126375	NonCancerAcute	7.80E-08	6.28E-06	1.55E-03	0.00E+00	2.48E-07	1.58E-03	2.80E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.79E-02
267	ALL	587812.5	4126535	NonCancerAcute	7.80E-08	6.28E-06	1.55E-03	0.00E+00	2.48E-07	1.58E-03	2.80E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.79E-02
160	ALL	588392.5	4126355	NonCancerAcute	7.79E-08	6.28E-06	1.55E-03	0.00E+00	2.47E-07	1.58E-03	2.80E-02	0.00E+00	3.79E-02	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.79E-02
393	ALL	588412.5	4126655	NonCancerAcute	7.78E-08	6.27E-06	1.55E-03	0.00E+00	2.47E-07	1.58E-03	2.80E-02	0.00E+00	3.78E-02	0.00E+00	0.00E+00	1.55E-03	0.00E+00	0.00E+00	3.78E-02
10	ALL	587992.5	4126255	NonCancerAcute	7.76E-08	6.25E-06	1.54E-03	0.00E+00	2.46E-07	1.57E-03	2.79E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	3.77E-02
18	ALL	588152.5	4126255	NonCancerAcute	7.75E-08	6.24E-06	1.54E-03	0.00E+00	2.46E-07	1.57E-03	2.79E-02	0.00E+00	3.77E-02	0.00E+00	0.00E+00	1.54E-03	0.00E+00	0.00E+00	3.77E-02
515	ALL	588372.5	4126735	NonCancerAcute	7.72E-08	6.22E-06	1.53E-03	0.00E+00	2.45E-07	1.56E-03	2.78E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	3.75E-02
612	ALL	587832.5	4126815	NonCancerAcute	7.72E-08	6.22E-06	1.53E-03	0.00E+00	2.45E-07	1.56E-03	2.78E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	3.75E-02
369	ALL	587812.5	4126655	NonCancerAcute	7.71E-08	6.21E-06	1.53E-03	0.00E+00	2.45E-07	1.56E-03	2.77E-02	0.00E+00	3.75E-02	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	3.75E-02
258	ALL	587812.5	4126515	NonCancerAcute	7.69E-08	6.19E-06	1.53E-03	0.00E+00	2.44E-07	1.56E-03	2.76E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	3.74E-02
22	ALL	588232.5	4126255	NonCancerAcute	7.68E-08	6.19E-06	1.53E-03	0.00E+00	2.44E-07	1.56E-03	2.76E-02	0.00E+00	3.74E-02	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	3.74E-02
676	ALL	587872.5	4126855	NonCancerAcute	7.68E-08	6.19E-06	1.53E-03	0.00E+00	2.44E-07	1.56E-03	2.76E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	1.53E-03	0.00E+00	0.00E+00	3.73E-02
668	ALL	588332.5	4126835	NonCancerAcute	7.66E-08	6.17E-06	1.52E-03	0.00E+00	2.43E-07	1.55E-03	2.75E-02	0.00E+00	3.73E-02	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.73E-02
304	ALL	587812.5	4126595	NonCancerAcute	7.66E-08	6.17E-06	1.52E-03	0.00E+00	2.43E-07	1.55E-03	2.75E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.72E-02
581	ALL	587832.5	4126795	NonCancerAcute	7.65E-08	6.17E-06	1.52E-03	0.00E+00	2.43E-07	1.55E-03	2.75E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.72E-02
228	ALL	587832.5	4126455	NonCancerAcute	7.65E-08	6.16E-06	1.52E-03	0.00E+00	2.43E-07	1.55E-03	2.75E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.72E-02
17	ALL	588132.5	4126255	NonCancerAcute	7.65E-08	6.16E-06	1.52E-03	0.00E+00	2.43E-07	1.55E-03	2.75E-02	0.00E+00	3.72E-02	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.72E-02
675	ALL	587852.5	4126855	NonCancerAcute	7.63E-08	6.14E-06	1.52E-03	0.00E+00	2.42E-07	1.54E-03	2.74E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	1.52E-03	0.00E+00	0.00E+00	3.71E-02
138	ALL	588372.5	4126335	NonCancerAcute	7.62E-08	6.14E-06	1.51E-03	0.00E+00	2.42E-07	1.54E-03	2.74E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.71E-02
13	ALL	588052.5	4126255	NonCancerAcute	7.62E-08	6.14E-06	1.51E-03	0.00E+00	2.42E-07	1.54E-03	2.74E-02	0.00E+00	3.71E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.71E-02
643	ALL	587832.5	4126835	NonCancerAcute	7.61E-08	6.13E-06	1.51E-03	0.00E+00	2.42E-07	1.54E-03	2.74E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.70E-02
249	ALL	587812.5	4126495	NonCancerAcute	7.61E-08	6.13E-06	1.51E-03	0.00E+00	2.42E-07	1.54E-03	2.74E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.70E-02
84	ALL	588292.5	4126295	NonCancerAcute	7.61E-08	6.13E-06	1.51E-03	0.00E+00	2.41E-07	1.54E-03	2.74E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.70E-02
113	ALL	588332.5	4126315	NonCancerAcute	7.60E-08	6.12E-06	1.51E-03	0.00E+00	2.41E-07	1.54E-03	2.73E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.70E-02
183	ALL	587852.5	4126395	NonCancerAcute	7.60E-08	6.12E-06	1.51E-03	0.00E+00	2.41E-07	1.54E-03	2.73E-02	0.00E+00	3.70E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.70E-02
12	ALL	588032.5	4126255	NonCancerAcute	7.59E-08	6.11E-06	1.51E-03	0.00E+00	2.41E-07	1.54E-03	2.73E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.69E-02
677	ALL	587892.5	4126855	NonCancerAcute	7.58E-08	6.11E-06	1.51E-03	0.00E+00	2.41E-07	1.54E-03	2.73E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.69E-02
145	ALL	587892.5	4126355	NonCancerAcute	7.58E-08	6.11E-06	1.51E-03	0.00E+00	2.41E-07	1.54E-03	2.73E-02	0.00E+00	3.69E-02	0.00E+00	0.00E+00	1.51E-03	0.00E+00	0.00E+00	3.69E-02
215	ALL	587832.5	4126435	NonCancerAcute	7.55E-08	6.08E-06	1.50E-03	0.00E+00	2.40E-07	1.53E-03	2.71E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	3.67E-02
55	ALL	588272.5	4126275	NonCancerAcute	7.55E-08	6.08E-06	1.50E-03	0.00E+00	2.40E-07	1.53E-03	2.71E-02	0.00E+00	3.67E-02	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	3.67E-02
123	ALL	587912.5	4126335	NonCancerAcute	7.53E-08	6.07E-06	1.50E-03	0.00E+00	2.39E-07	1.53E-03	2.71E-02	0.00E+00	3.66E-02	0.00E+00	0.00E+00	1.50E-03	0.00E+00	0.00E+00	3.66E-02
607	ALL	588352.5	4126795	NonCancerAcute	7.51E-08	6.05E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.70E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.65E-02
11	ALL	588012.5	4126255	NonCancerAcute	7.51E-08	6.05E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.70E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.65E-02
39	ALL	587952.5	4126275	NonCancerAcute	7.51E-08	6.05E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.70E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.65E-02
698	ALL	588312.5	4126855	NonCancerAcute	7.50E-08	6.04E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.70E-02	0.00E+00	3.65E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.65E-02
97	ALL	587932.5	4126315	NonCancerAcute	7.50E-08	6.04E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.70E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.64E-02
485	ALL	588392.5	4126715	NonCancerAcute	7.50E-08	6.04E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.70E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.64E-02
9	ALL	587972.5	4126255	NonCancerAcute	7.49E-08	6.04E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.69E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.64E-02
424	ALL	588412.5	4126675	NonCancerAcute	7.49E-08	6.03E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.69E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.64E-02
16	ALL	588112.5	4126255	NonCancerAcute	7.49E-08	6.03E-06	1.49E-03	0.00E+00	2.38E-07	1.52E-03	2.69E-02	0.00E+00	3.64E-02	0.00E+00	0.00E+00	1.49E-03	0.00E+00	0.00E+00	3.64E-02
546	ALL	588372.5	4126755	NonCancerAcute	7.47E-08	6.01E-06	1.48E-03	0.00E+00	2.37E-07	1.51E-03	2.68E-02	0.00E+00	3.63E-02	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	3.63E-02
85	ALL	588312.5	4126295	NonCancerAcute	7.45E-08	6.00E-06	1.48E-03	0.00E+00	2.37E-07	1.51E-03	2.68E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	3.62E-02
323	ALL	587812.5	4126615	NonCancerAcute	7.44E-08	5.99E-06	1.48E-03	0.00E+00	2.36E-07	1.51E-03	2.68E-02	0.00E+00	3.62E-02	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	3.62E-02
139	ALL	588392.5	4126335	NonCancerAcute	7.43E-08	5.99E-06	1.48E-03	0.00E+00	2.36E-07	1.51E-03	2.67E-02	0.00E+00	3.61E-02	0.00E+00	0.00E+00	1.48E-03	0.00E+00	0.00E+00	3.61E-02
14	ALL	588072.5	4126255	NonCancerAcute	7.41E-08	5.97E-06	1.47E-03	0.00E+00	2.35E-07	1.50E-03	2.67E-02	0.00E+00	3.60E-02	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.60E-02
198	ALL	588412.5	4126395	NonCancerAcute	7.37E-08	5.94E-06	1.47E-03	0.00E+00	2.34E-07	1.49E-03	2.65E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.59E-02
674	ALL	587832.5	4126855	NonCancerAcute	7.37E-08	5.94E-06	1.47E-03	0.00E+00	2.34E-07	1.49E-03	2.65E-02	0.00E+00	3.59E-02	0.00E+00	0.00E+00	1.47E-03	0.00E+00	0.00E+00	3.59E-02
200	ALL	587832.5	4126415	NonCancerAcute	7.35E-08	5.92E-06	1.46E-03	0.00E+00	2.33E-07	1.49E-03	2.64E-02	0.00E+00	3.57E-02	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	3.57E-02
345	ALL	587812.5	4126635	NonCancerAcute	7.33E-08	5.90E-06	1.46E-03	0.00E+00	2.33E-07	1.48E-03	2.63E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	3.56E-02
114	ALL	588352.5	4126315	NonCancerAcute	7.33E-08	5.90E-06	1.46E-03	0.00E+00	2.33E-07	1.48E-03	2.63E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	1.46E-03	0.00E+00	0.00E+00	3.56E-02
239	ALL	587812.5	4126475	NonCancerAcute	7.32E-08	5.89E-06	1.45E-03	0.00E+00	2.32E-07	1.48E-03	2.63E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	3.56E-02
15	ALL	588092.5	4126255	NonCancerAcute	7.31E-08	5.89E-06	1.45E-03	0.00E+00	2.32E-07	1.48E-03	2.63E-02	0.00E+00	3.56E-02	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	3.56E-02
56	ALL	588292.5	4126275	NonCancerAcute	7.31E-08	5.89E-06	1.45E-03	0.00E+00	2.32E-07	1.48E-03	2.63E-02	0.00E+00	3.55E-02	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	3.55E-02
577	ALL	588372.5	4126775	NonCancerAcute	7.28E-08	5.86E-06	1.45E-03	0.00E+00	2.31E-07	1.47E-03	2.62E-02	0.00E+00	3.54E-02	0.00E+00	0.00E+00	1.45E-03	0.00E+00	0.00E+00	3.54E-02
455	ALL	588412.5	4126695	NonCancerAcute	7.26E-08	5.85E-06	1.44E-03	0.00E+00	2.31E-07	1.47E-03	2.61E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.53E-02
699	ALL	588332.5	4126855	NonCancerAcute	7.26E-08	5.85E-06	1.44E-03	0.00E+00	2.30E-07	1.47E-03	2.61E-02	0.00E+00	3.53E-02	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.53E-02
580	ALL	587812.5	4126795	NonCancerAcute	7.24E-08	5.83E-06	1.44E-03	0.00E+00	2.30E-07	1.47E-03	2.60E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.52E-02
180	ALL	588412.5	4126375	NonCancerAcute	7.24E-08	5.83E-06	1.44E-03	0.00E+00	2.30E-07	1.47E-03	2.60E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.52E-02
24	ALL	588272.5	4126255	NonCancerAcute	7.23E-08	5.83E-06	1.44E-03	0.00E+00	2.30E-07	1.46E-03	2.60E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.52E-02
638	ALL	588352.5	4126815	NonCancerAcute	7.23E-08	5.82E-06	1.44E-03	0.00E+00	2.29E-07	1.46E-03	2.60E-02	0.00E+00	3.52E-02	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.52E-02
23	ALL	588252.5	4126255	NonCancerAcute	7.23E-08	5.82E-06	1.44E-03	0.00E+00	2.29E-07	1.46E-03	2.60E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	1.44E-03	0.00E+00	0.00E+00	3.51E-02
161	ALL	588412.5	4126355	NonCancerAcute	7.21E-08	5.81E-06	1.43E-03	0.00E+00	2.29E-07	1.46E-03	2.59E-02	0.00E+00	3.51E-02	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.51E-02
182	ALL	587832.5	4126395	NonCancerAcute	7.19E-08	5.79E-06	1.43E-03	0.00E+00	2.28E-07	1.46E-03	2.58E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.49E-02
122	ALL	587892.5	4126335	NonCancerAcute	7.17E-08	5.78E-06	1.43E-03	0.00E+00	2.28E-07	1.45E-03	2.58E-02	0.00E+00	3.49E-02	0.00E+00	0.00E+00	1.43E-03	0.00E+00	0.00E+00	3.49E-02
516	ALL	588392.5	4126735	NonCancerAcute	7.17E-08	5.77E-06	1.42E-03	0.00E+00	2.27E-07	1.45E-03	2.58E-02	0.00E+00	3.48E-02	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	3.48E-02
96	ALL	587912.5	4126315	NonCancerAcute	7.12E-08	5.74E-06	1.42E-03	0.00E+00	2.26E-07	1.44E-03	2.56E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.42E-03	0.00E+00	0.00E+00	3.46E-02
164	ALL	587852.5	4126375	NonCancerAcute	7.11E-08	5.73E-06	1.41E-03	0.00E+00	2.26E-07	1.44E-03	2.56E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.46E-02
86	ALL	588332.5	4126295	NonCancerAcute	7.11E-08	5.73E-06	1.41E-03	0.00E+00	2.26E-07	1.44E-03	2.56E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.46E-02
8	ALL	587952.5	4126255	NonCancerAcute	7.11E-08	5.72E-06	1.41E-03	0.00E+00	2.26E-07	1.44E-03	2.56E-02	0.00E+00	3.46E-02	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.46E-02
69	ALL	587932.5	4126295	NonCancerAcute	7.09E-08	5.71E-06	1.41E-03	0.00E+00	2.25E-07	1.44E-03	2.55E-02	0.00E+00	3.45E-02	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.45E-02
227	ALL	587812.5	4126455	NonCancerAcute	7.08E-08	5.70E-06	1.41E-03	0.00E+00	2.25E-07	1.43E-03	2.55E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.44E-02
140	ALL	588412.5	4126335	NonCancerAcute	7.07E-08	5.70E-06	1.41E-03	0.00E+00	2.25E-07	1.43E-03	2.54E-02	0.00E+00	3.44E-02	0.00E+00	0.00E+00	1.41E-03	0.00E+00	0.00E+00	3.44E-02
57	ALL	588312.5	4126275	NonCancerAcute	7.03E-08	5.66E-06	1.40E-03	0.00E+00	2.23E-07	1.42E-03	2.53E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.42E-02
608	ALL	588372.5	4126795	NonCancerAcute	7.02E-08	5.66E-06	1.40E-03	0.00E+00	2.23E-07	1.42E-03	2.53E-02	0.00E+00	3.42E-02	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.42E-02
115	ALL	588372.5	4126315	NonCancerAcute	7.02E-08	5.66E-06	1.40E-03	0.00E+00	2.23E-07	1.42E-03	2.53E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	1.40E-03	0.00E+00	0.00E+00	3.41E-02
144	ALL	587872.5	4126355	NonCancerAcute	7.02E-08	5.65E-06	1.39E-03	0.00E+00	2.23E-07	1.42E-03	2.52E-02	0.00E+00	3.41E-02	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	3.41E-02
165	ALL	587872.5	4126375	NonCancerAcute	6.99E-08	5.63E-06	1.39E-03	0.00E+00	2.22E-07	1.42E-03	2.51E-02	0.00E+00	3.40E-02	0.00E+00	0.00E+00	1.39E-03	0.00E+00	0.00E+00	3.40E-02
642	ALL	587812.5	4126835	NonCancerAcute	6.99E-08	5.63E-06	1.39E-03	0.00E+00	2.22

199	ALL	587812.5	4126415	NonCancerAcute	6.84E-08	5.51E-06	1.36E-03	0.00E+00	2.17E-07	1.39E-03	2.46E-02	0.00E+00	3.33E-02	0.00E+00	0.00E+00	1.36E-03	0.00E+00	0.00E+00	3.33E-02
700	ALL	588352.5	4126855	NonCancerAcute	6.77E-08	5.46E-06	1.35E-03	0.00E+00	2.15E-07	1.37E-03	2.44E-02	0.00E+00	3.29E-02	0.00E+00	0.00E+00	1.35E-03	0.00E+00	0.00E+00	3.29E-02
58	ALL	588332.5	4126275	NonCancerAcute	6.75E-08	5.44E-06	1.34E-03	0.00E+00	2.14E-07	1.37E-03	2.43E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.28E-02
95	ALL	587892.5	4126315	NonCancerAcute	6.75E-08	5.44E-06	1.34E-03	0.00E+00	2.14E-07	1.37E-03	2.43E-02	0.00E+00	3.28E-02	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.28E-02
117	ALL	588412.5	4126315	NonCancerAcute	6.73E-08	5.42E-06	1.34E-03	0.00E+00	2.14E-07	1.36E-03	2.42E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.27E-02
68	ALL	587912.5	4126295	NonCancerAcute	6.72E-08	5.42E-06	1.34E-03	0.00E+00	2.13E-07	1.36E-03	2.42E-02	0.00E+00	3.27E-02	0.00E+00	0.00E+00	1.34E-03	0.00E+00	0.00E+00	3.27E-02
7	ALL	587932.5	4126255	NonCancerAcute	6.71E-08	5.41E-06	1.33E-03	0.00E+00	2.13E-07	1.36E-03	2.41E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.26E-02
121	ALL	587872.5	4126335	NonCancerAcute	6.71E-08	5.41E-06	1.33E-03	0.00E+00	2.13E-07	1.36E-03	2.41E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.26E-02
517	ALL	588412.5	4126735	NonCancerAcute	6.71E-08	5.40E-06	1.33E-03	0.00E+00	2.13E-07	1.36E-03	2.41E-02	0.00E+00	3.26E-02	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.26E-02
181	ALL	587812.5	4126395	NonCancerAcute	6.67E-08	5.37E-06	1.33E-03	0.00E+00	2.12E-07	1.35E-03	2.40E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	1.33E-03	0.00E+00	0.00E+00	3.24E-02
639	ALL	588372.5	4126815	NonCancerAcute	6.66E-08	5.37E-06	1.32E-03	0.00E+00	2.12E-07	1.35E-03	2.40E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	3.24E-02
578	ALL	588392.5	4126775	NonCancerAcute	6.66E-08	5.36E-06	1.32E-03	0.00E+00	2.11E-07	1.35E-03	2.39E-02	0.00E+00	3.24E-02	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	3.24E-02
26	ALL	588312.5	4126255	NonCancerAcute	6.63E-08	5.34E-06	1.32E-03	0.00E+00	2.10E-07	1.34E-03	2.38E-02	0.00E+00	3.22E-02	0.00E+00	0.00E+00	1.32E-03	0.00E+00	0.00E+00	3.22E-02
88	ALL	588372.5	4126295	NonCancerAcute	6.60E-08	5.32E-06	1.31E-03	0.00E+00	2.09E-07	1.34E-03	2.37E-02	0.00E+00	3.21E-02	0.00E+00	0.00E+00	1.31E-03	0.00E+00	0.00E+00	3.21E-02
609	ALL	588392.5	4126795	NonCancerAcute	6.51E-08	5.24E-06	1.29E-03	0.00E+00	2.07E-07	1.32E-03	2.34E-02	0.00E+00	3.17E-02	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.17E-02
142	ALL	587832.5	4126355	NonCancerAcute	6.49E-08	5.23E-06	1.29E-03	0.00E+00	2.06E-07	1.31E-03	2.33E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.15E-02
162	ALL	587812.5	4126375	NonCancerAcute	6.48E-08	5.22E-06	1.29E-03	0.00E+00	2.06E-07	1.31E-03	2.33E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.15E-02
143	ALL	587852.5	4126355	NonCancerAcute	6.48E-08	5.22E-06	1.29E-03	0.00E+00	2.06E-07	1.31E-03	2.33E-02	0.00E+00	3.15E-02	0.00E+00	0.00E+00	1.29E-03	0.00E+00	0.00E+00	3.15E-02
670	ALL	588372.5	4126835	NonCancerAcute	6.46E-08	5.20E-06	1.28E-03	0.00E+00	2.05E-07	1.31E-03	2.32E-02	0.00E+00	3.14E-02	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	3.14E-02
59	ALL	588352.5	4126275	NonCancerAcute	6.43E-08	5.18E-06	1.28E-03	0.00E+00	2.04E-07	1.30E-03	2.31E-02	0.00E+00	3.13E-02	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	3.13E-02
548	ALL	588412.5	4126755	NonCancerAcute	6.42E-08	5.17E-06	1.28E-03	0.00E+00	2.04E-07	1.30E-03	2.31E-02	0.00E+00	3.12E-02	0.00E+00	0.00E+00	1.28E-03	0.00E+00	0.00E+00	3.12E-02
67	ALL	587892.5	4126295	NonCancerAcute	6.41E-08	5.16E-06	1.27E-03	0.00E+00	2.03E-07	1.30E-03	2.30E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	3.11E-02
27	ALL	588332.5	4126255	NonCancerAcute	6.39E-08	5.15E-06	1.27E-03	0.00E+00	2.03E-07	1.29E-03	2.30E-02	0.00E+00	3.11E-02	0.00E+00	0.00E+00	1.27E-03	0.00E+00	0.00E+00	3.11E-02
89	ALL	588392.5	4126295	NonCancerAcute	6.34E-08	5.11E-06	1.26E-03	0.00E+00	2.01E-07	1.28E-03	2.28E-02	0.00E+00	3.08E-02	0.00E+00	0.00E+00	1.26E-03	0.00E+00	0.00E+00	3.08E-02
94	ALL	587872.5	4126315	NonCancerAcute	6.31E-08	5.08E-06	1.25E-03	0.00E+00	2.00E-07	1.28E-03	2.27E-02	0.00E+00	3.07E-02	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.07E-02
37	ALL	587912.5	4126275	NonCancerAcute	6.30E-08	5.07E-06	1.25E-03	0.00E+00	2.00E-07	1.28E-03	2.27E-02	0.00E+00	3.06E-02	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.06E-02
640	ALL	588392.5	4126815	NonCancerAcute	6.27E-08	5.05E-06	1.25E-03	0.00E+00	1.99E-07	1.27E-03	2.25E-02	0.00E+00	3.05E-02	0.00E+00	0.00E+00	1.25E-03	0.00E+00	0.00E+00	3.05E-02
90	ALL	588412.5	4126295	NonCancerAcute	6.23E-08	5.02E-06	1.24E-03	0.00E+00	1.98E-07	1.26E-03	2.24E-02	0.00E+00	3.03E-02	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	3.03E-02
119	ALL	587832.5	4126335	NonCancerAcute	6.22E-08	5.01E-06	1.24E-03	0.00E+00	1.97E-07	1.26E-03	2.24E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.24E-03	0.00E+00	0.00E+00	3.02E-02
60	ALL	588372.5	4126275	NonCancerAcute	6.21E-08	5.00E-06	1.23E-03	0.00E+00	1.97E-07	1.26E-03	2.23E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.02E-02
141	ALL	587812.5	4126355	NonCancerAcute	6.20E-08	5.00E-06	1.23E-03	0.00E+00	1.97E-07	1.26E-03	2.23E-02	0.00E+00	3.02E-02	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.02E-02
579	ALL	588412.5	4126775	NonCancerAcute	6.17E-08	4.97E-06	1.23E-03	0.00E+00	1.96E-07	1.25E-03	2.22E-02	0.00E+00	3.00E-02	0.00E+00	0.00E+00	1.23E-03	0.00E+00	0.00E+00	3.00E-02
701	ALL	588372.5	4126855	NonCancerAcute	6.16E-08	4.96E-06	1.22E-03	0.00E+00	1.96E-07	1.25E-03	2.22E-02	0.00E+00	3.00E-02	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	3.00E-02
36	ALL	587892.5	4126275	NonCancerAcute	6.16E-08	4.96E-06	1.22E-03	0.00E+00	1.95E-07	1.25E-03	2.21E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	2.99E-02
28	ALL	588352.5	4126255	NonCancerAcute	6.15E-08	4.95E-06	1.22E-03	0.00E+00	1.95E-07	1.25E-03	2.21E-02	0.00E+00	2.99E-02	0.00E+00	0.00E+00	1.22E-03	0.00E+00	0.00E+00	2.99E-02
6	ALL	587912.5	4126255	NonCancerAcute	6.09E-08	4.90E-06	1.21E-03	0.00E+00	1.93E-07	1.23E-03	2.19E-02	0.00E+00	2.96E-02	0.00E+00	0.00E+00	1.21E-03	0.00E+00	0.00E+00	2.96E-02
671	ALL	588392.5	4126835	NonCancerAcute	6.05E-08	4.87E-06	1.20E-03	0.00E+00	1.92E-07	1.22E-03	2.17E-02	0.00E+00	2.94E-02	0.00E+00	0.00E+00	1.20E-03	0.00E+00	0.00E+00	2.94E-02
610	ALL	588412.5	4126795	NonCancerAcute	5.99E-08	4.83E-06	1.19E-03	0.00E+00	1.90E-07	1.21E-03	2.15E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	2.91E-02
61	ALL	588392.5	4126275	NonCancerAcute	5.99E-08	4.83E-06	1.19E-03	0.00E+00	1.90E-07	1.21E-03	2.15E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	2.91E-02
29	ALL	588372.5	4126255	NonCancerAcute	5.98E-08	4.82E-06	1.19E-03	0.00E+00	1.90E-07	1.21E-03	2.15E-02	0.00E+00	2.91E-02	0.00E+00	0.00E+00	1.19E-03	0.00E+00	0.00E+00	2.91E-02
120	ALL	587852.5	4126335	NonCancerAcute	5.92E-08	4.77E-06	1.18E-03	0.00E+00	1.88E-07	1.20E-03	2.13E-02	0.00E+00	2.88E-02	0.00E+00	0.00E+00	1.18E-03	0.00E+00	0.00E+00	2.88E-02
118	ALL	587812.5	4126335	NonCancerAcute	5.91E-08	4.76E-06	1.17E-03	0.00E+00	1.87E-07	1.20E-03	2.12E-02	0.00E+00	2.87E-02	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	2.87E-02
93	ALL	587852.5	4126315	NonCancerAcute	5.89E-08	4.74E-06	1.17E-03	0.00E+00	1.87E-07	1.19E-03	2.12E-02	0.00E+00	2.86E-02	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	2.86E-02
641	ALL	588412.5	4126815	NonCancerAcute	5.87E-08	4.73E-06	1.17E-03	0.00E+00	1.86E-07	1.19E-03	2.11E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.17E-03	0.00E+00	0.00E+00	2.85E-02
702	ALL	588392.5	4126855	NonCancerAcute	5.85E-08	4.71E-06	1.16E-03	0.00E+00	1.86E-07	1.19E-03	2.10E-02	0.00E+00	2.85E-02	0.00E+00	0.00E+00	1.16E-03	0.00E+00	0.00E+00	2.85E-02
92	ALL	587832.5	4126315	NonCancerAcute	5.81E-08	4.68E-06	1.15E-03	0.00E+00	1.84E-07	1.18E-03	2.09E-02	0.00E+00	2.83E-02	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	2.83E-02
5	ALL	587892.5	4126255	NonCancerAcute	5.81E-08	4.68E-06	1.15E-03	0.00E+00	1.84E-07	1.18E-03	2.09E-02	0.00E+00	2.82E-02	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	2.82E-02
62	ALL	588412.5	4126275	NonCancerAcute	5.77E-08	4.65E-06	1.15E-03	0.00E+00	1.83E-07	1.17E-03	2.07E-02	0.00E+00	2.80E-02	0.00E+00	0.00E+00	1.15E-03	0.00E+00	0.00E+00	2.80E-02
672	ALL	588412.5	4126835	NonCancerAcute	5.70E-08	4.59E-06	1.13E-03	0.00E+00	1.81E-07	1.15E-03	2.05E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	2.77E-02
65	ALL	587852.5	4126295	NonCancerAcute	5.69E-08	4.58E-06	1.13E-03	0.00E+00	1.81E-07	1.15E-03	2.05E-02	0.00E+00	2.77E-02	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	2.77E-02
91	ALL	587812.5	4126315	NonCancerAcute	5.67E-08	4.57E-06	1.13E-03	0.00E+00	1.80E-07	1.15E-03	2.04E-02	0.00E+00	2.76E-02	0.00E+00	0.00E+00	1.13E-03	0.00E+00	0.00E+00	2.76E-02
30	ALL	588392.5	4126255	NonCancerAcute	5.65E-08	4.55E-06	1.12E-03	0.00E+00	1.79E-07	1.15E-03	2.03E-02	0.00E+00	2.75E-02	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	2.75E-02
66	ALL	587872.5	4126295	NonCancerAcute	5.64E-08	4.55E-06	1.12E-03	0.00E+00	1.79E-07	1.14E-03	2.03E-02	0.00E+00	2.74E-02	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	2.74E-02
4	ALL	587872.5	4126255	NonCancerAcute	5.61E-08	4.52E-06	1.12E-03	0.00E+00	1.78E-07	1.14E-03	2.02E-02	0.00E+00	2.73E-02	0.00E+00	0.00E+00	1.12E-03	0.00E+00	0.00E+00	2.73E-02
35	ALL	587872.5	4126275	NonCancerAcute	5.59E-08	4.50E-06	1.11E-03	0.00E+00	1.77E-07	1.13E-03	2.01E-02	0.00E+00	2.72E-02	0.00E+00	0.00E+00	1.11E-03	0.00E+00	0.00E+00	2.72E-02
34	ALL	587852.5	4126275	NonCancerAcute	5.53E-08	4.45E-06	1.10E-03	0.00E+00	1.76E-07	1.12E-03	1.99E-02	0.00E+00	2.69E-02	0.00E+00	0.00E+00	1.10E-03	0.00E+00	0.00E+00	2.69E-02
703	ALL	588412.5	4126855	NonCancerAcute	5.51E-08	4.44E-06	1.09E-03	0.00E+00	1.75E-07	1.12E-03	1.98E-02	0.00E+00	2.68E-02	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	2.68E-02
31	ALL	588412.5	4126255	NonCancerAcute	5.48E-08	4.42E-06	1.09E-03	0.00E+00	1.74E-07	1.11E-03	1.97E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	2.67E-02
64	ALL	587832.5	4126295	NonCancerAcute	5.48E-08	4.42E-06	1.09E-03	0.00E+00	1.74E-07	1.11E-03	1.97E-02	0.00E+00	2.67E-02	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	2.67E-02
63	ALL	587812.5	4126295	NonCancerAcute	5.46E-08	4.40E-06	1.09E-03	0.00E+00	1.73E-07	1.11E-03	1.96E-02	0.00E+00	2.66E-02	0.00E+00	0.00E+00	1.09E-03	0.00E+00	0.00E+00	2.66E-02
33	ALL	587832.5	4126275	NonCancerAcute	5.20E-08	4.19E-06	1.03E-03	0.00E+00	1.65E-07	1.05E-03	1.87E-02	0.00E+00	2.53E-02	0.00E+00	0.00E+00	1.03E-03	0.00E+00	0.00E+00	2.53E-02
32	ALL	587812.5	4126275	NonCancerAcute	5.10E-08	4.11E-06	1.01E-03	0.00E+00	1.62E-07	1.03E-03	1.83E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.48E-02
1	ALL	587812.5	4126255	NonCancerAcute	5.10E-08	4.11E-06	1.01E-03	0.00E+00	1.62E-07	1.03E-03	1.83E-02	0.00E+00	2.48E-02	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.48E-02
3	ALL	587852.5	4126255	NonCancerAcute	5.06E-08	4.08E-06	1.01E-03	0.00E+00	1.61E-07	1.03E-03	1.82E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.01E-03	0.00E+00	0.00E+00	2.46E-02
2	ALL	587832.5	4126255	NonCancerAcute	5.05E-08	4.07E-06	1.00E-03	0.00E+00	1.60E-07	1.02E-03	1.82E-02	0.00E+00	2.46E-02	0.00E+00	0.00E+00	1.00E-03	0.00E+00	0.00E+00	2.46E-02

Palm Villas Saratoga - Operational Health Risk Assessment - Chronic Risk, Unmitigated
*HARP - HRACalc v19044 4/24/2019 2:22:48 PM - Chronic Risk, Sorted Max to Min

REC	GRP	NETID	X	Y	SCENARIO	CV	CNS	IMMUN	KIDNEY	GILV	REPRO/DEVEL	RESP	SKIN	EYE	BONE/TEETH	ENDO	BLOOD	ODOR	GENERAL	MAXHI
357	ALL		588052.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-09	1.45E-07	0.00E+00	3.12E-09	2.85E-08	1.94E-05	5.28E-04	0.00E+00	1.50E-08	0.00E+00	6.66E-10	2.83E-05	0.00E+00	0.00E+00	5.28E-04
335	ALL		588052.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	5.15E-09	1.35E-07	0.00E+00	2.91E-09	2.65E-08	1.81E-05	4.92E-04	0.00E+00	1.39E-08	0.00E+00	6.20E-10	2.63E-05	0.00E+00	0.00E+00	4.92E-04
356	ALL		588032.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	4.99E-09	1.31E-07	0.00E+00	2.82E-09	2.57E-08	1.75E-05	4.76E-04	0.00E+00	1.35E-08	0.00E+00	6.01E-10	2.55E-05	0.00E+00	0.00E+00	4.76E-04
380	ALL		588032.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	4.74E-09	1.24E-07	0.00E+00	2.68E-09	2.44E-08	1.66E-05	4.53E-04	0.00E+00	1.28E-08	0.00E+00	5.71E-10	2.42E-05	0.00E+00	0.00E+00	4.53E-04
334	ALL		588032.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	4.33E-09	1.13E-07	0.00E+00	2.45E-09	2.23E-08	1.52E-05	4.13E-04	0.00E+00	1.17E-08	0.00E+00	5.22E-10	2.21E-05	0.00E+00	0.00E+00	4.13E-04
379	ALL		588012.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-09	1.12E-07	0.00E+00	2.42E-09	2.20E-08	1.50E-05	4.09E-04	0.00E+00	1.16E-08	0.00E+00	5.15E-10	2.19E-05	0.00E+00	0.00E+00	4.09E-04
355	ALL		588012.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	4.07E-09	1.07E-07	0.00E+00	2.30E-09	2.10E-08	1.43E-05	3.89E-04	0.00E+00	1.10E-08	0.00E+00	4.91E-10	2.08E-05	0.00E+00	0.00E+00	3.89E-04
405	ALL		588032.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	4.04E-09	1.06E-07	0.00E+00	2.28E-09	2.08E-08	1.42E-05	3.86E-04	0.00E+00	1.09E-08	0.00E+00	4.87E-10	2.07E-05	0.00E+00	0.00E+00	3.86E-04
406	ALL		588052.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	3.95E-09	1.04E-07	0.00E+00	2.23E-09	2.03E-08	1.39E-05	3.77E-04	0.00E+00	1.07E-08	0.00E+00	4.76E-10	2.02E-05	0.00E+00	0.00E+00	3.77E-04
404	ALL		588012.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	3.89E-09	1.02E-07	0.00E+00	2.20E-09	2.00E-08	1.36E-05	3.71E-04	0.00E+00	1.05E-08	0.00E+00	4.69E-10	1.99E-05	0.00E+00	0.00E+00	3.71E-04
378	ALL		587992.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	3.66E-09	9.60E-08	0.00E+00	2.07E-09	1.89E-08	1.29E-05	3.50E-04	0.00E+00	9.92E-09	0.00E+00	4.41E-10	1.87E-05	0.00E+00	0.00E+00	3.50E-04
407	ALL		588072.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	3.55E-09	9.31E-08	0.00E+00	2.01E-09	1.83E-08	1.25E-05	3.39E-04	0.00E+00	9.62E-09	0.00E+00	4.28E-10	1.82E-05	0.00E+00	0.00E+00	3.39E-04
403	ALL		587992.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	3.54E-09	9.29E-08	0.00E+00	2.00E-09	1.82E-08	1.24E-05	3.38E-04	0.00E+00	9.59E-09	0.00E+00	4.27E-10	1.81E-05	0.00E+00	0.00E+00	3.38E-04
333	ALL		588012.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	3.37E-09	8.82E-08	0.00E+00	1.90E-09	1.73E-08	1.18E-05	3.21E-04	0.00E+00	9.11E-09	0.00E+00	4.05E-10	1.72E-05	0.00E+00	0.00E+00	3.21E-04
316	ALL		588052.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	3.36E-09	8.80E-08	0.00E+00	1.90E-09	1.73E-08	1.18E-05	3.21E-04	0.00E+00	9.09E-09	0.00E+00	4.05E-10	1.72E-05	0.00E+00	0.00E+00	3.21E-04
435	ALL		588012.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-09	8.74E-08	0.00E+00	1.88E-09	1.72E-08	1.17E-05	3.19E-04	0.00E+00	9.03E-09	0.00E+00	4.02E-10	1.71E-05	0.00E+00	0.00E+00	3.19E-04
354	ALL		587992.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-09	8.71E-08	0.00E+00	1.88E-09	1.71E-08	1.17E-05	3.18E-04	0.00E+00	9.00E-09	0.00E+00	4.01E-10	1.70E-05	0.00E+00	0.00E+00	3.18E-04
436	ALL		588032.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	3.30E-09	8.65E-08	0.00E+00	1.86E-09	1.70E-08	1.16E-05	3.15E-04	0.00E+00	8.94E-09	0.00E+00	3.98E-10	1.69E-05	0.00E+00	0.00E+00	3.15E-04
434	ALL		587992.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	3.19E-09	8.37E-08	0.00E+00	1.80E-09	1.64E-08	1.12E-05	3.05E-04	0.00E+00	8.64E-09	0.00E+00	3.85E-10	1.63E-05	0.00E+00	0.00E+00	3.05E-04
437	ALL		588052.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-09	8.24E-08	0.00E+00	1.78E-09	1.62E-08	1.10E-05	3.00E-04	0.00E+00	8.51E-09	0.00E+00	3.79E-10	1.61E-05	0.00E+00	0.00E+00	3.00E-04
402	ALL		587972.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	3.11E-09	8.15E-08	0.00E+00	1.76E-09	1.60E-08	1.09E-05	2.97E-04	0.00E+00	8.42E-09	0.00E+00	3.75E-10	1.59E-05	0.00E+00	0.00E+00	2.97E-04
377	ALL		587972.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-09	7.99E-08	0.00E+00	1.72E-09	1.57E-08	1.07E-05	2.91E-04	0.00E+00	8.26E-09	0.00E+00	3.67E-10	1.56E-05	0.00E+00	0.00E+00	2.91E-04
433	ALL		587972.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	2.94E-09	7.70E-08	0.00E+00	1.66E-09	1.51E-08	1.03E-05	2.81E-04	0.00E+00	7.95E-09	0.00E+00	3.54E-10	1.50E-05	0.00E+00	0.00E+00	2.81E-04
315	ALL		588032.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-09	7.56E-08	0.00E+00	1.63E-09	1.48E-08	1.01E-05	2.75E-04	0.00E+00	7.81E-09	0.00E+00	3.47E-10	1.47E-05	0.00E+00	0.00E+00	2.75E-04
408	ALL		588092.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-09	7.29E-08	0.00E+00	1.57E-09	1.43E-08	9.76E-06	2.66E-04	0.00E+00	7.53E-09	0.00E+00	3.35E-10	1.42E-05	0.00E+00	0.00E+00	2.66E-04
466	ALL		588012.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-09	7.29E-08	0.00E+00	1.57E-09	1.43E-08	9.75E-06	2.66E-04	0.00E+00	7.53E-09	0.00E+00	3.35E-10	1.42E-05	0.00E+00	0.00E+00	2.66E-04
465	ALL		587992.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-09	7.22E-08	0.00E+00	1.56E-09	1.42E-08	9.66E-06	2.63E-04	0.00E+00	7.46E-09	0.00E+00	3.32E-10	1.41E-05	0.00E+00	0.00E+00	2.63E-04
467	ALL		588032.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-09	7.08E-08	0.00E+00	1.53E-09	1.39E-08	9.48E-06	2.58E-04	0.00E+00	7.32E-09	0.00E+00	3.26E-10	1.38E-05	0.00E+00	0.00E+00	2.58E-04
353	ALL		587972.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-09	7.08E-08	0.00E+00	1.53E-09	1.39E-08	9.48E-06	2.58E-04	0.00E+00	7.32E-09	0.00E+00	3.26E-10	1.38E-05	0.00E+00	0.00E+00	2.58E-04
438	ALL		588072.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	2.69E-09	7.06E-08	0.00E+00	1.52E-09	1.39E-08	9.45E-06	2.57E-04	0.00E+00	7.29E-09	0.00E+00	3.25E-10	1.38E-05	0.00E+00	0.00E+00	2.57E-04
401	ALL		587952.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	2.67E-09	6.99E-08	0.00E+00	1.51E-09	1.37E-08	9.36E-06	2.55E-04	0.00E+00	7.23E-09	0.00E+00	3.22E-10	1.36E-05	0.00E+00	0.00E+00	2.55E-04
332	ALL		587992.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	2.65E-09	6.93E-08	0.00E+00	1.49E-09	1.36E-08	9.28E-06	2.53E-04	0.00E+00	7.16E-09	0.00E+00	3.19E-10	1.35E-05	0.00E+00	0.00E+00	2.53E-04
432	ALL		587952.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	2.63E-09	6.91E-08	0.00E+00	1.49E-09	1.36E-08	9.24E-06	2.52E-04	0.00E+00	7.13E-09	0.00E+00	3.17E-10	1.35E-05	0.00E+00	0.00E+00	2.52E-04
464	ALL		587972.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-09	6.85E-08	0.00E+00	1.48E-09	1.35E-08	9.17E-06	2.50E-04	0.00E+00	7.08E-09	0.00E+00	3.15E-10	1.34E-05	0.00E+00	0.00E+00	2.50E-04
409	ALL		588112.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	2.61E-09	6.84E-08	0.00E+00	1.48E-09	1.34E-08	9.16E-06	2.49E-04	0.00E+00	7.07E-09	0.00E+00	3.15E-10	1.33E-05	0.00E+00	0.00E+00	2.49E-04
468	ALL		588052.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-09	6.61E-08	0.00E+00	1.42E-09	1.30E-08	8.84E-06	2.41E-04	0.00E+00	6.82E-09	0.00E+00	3.04E-10	1.29E-05	0.00E+00	0.00E+00	2.41E-04
376	ALL		587952.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-09	6.57E-08	0.00E+00	1.42E-09	1.29E-08	8.79E-06	2.39E-04	0.00E+00	6.78E-09	0.00E+00	3.02E-10	1.28E-05	0.00E+00	0.00E+00	2.39E-04
463	ALL		587952.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	2.48E-09	6.49E-08	0.00E+00	1.40E-09	1.27E-08	8.68E-06	2.36E-04	0.00E+00	6.70E-09	0.00E+00	2.98E-10	1.27E-05	0.00E+00	0.00E+00	2.36E-04
496	ALL		587992.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	2.33E-09	6.10E-08	0.00E+00	1.31E-09	1.20E-08	8.16E-06	2.22E-04	0.00E+00	6.30E-09	0.00E+00	2.80E-10	1.19E-05	0.00E+00	0.00E+00	2.22E-04
497	ALL		588012.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-09	6.09E-08	0.00E+00	1.31E-09	1.20E-08	8.15E-06	2.22E-04	0.00E+00	6.29E-09	0.00E+00	2.80E-10	1.19E-05	0.00E+00	0.00E+00	2.22E-04
431	ALL		587932.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	2.32E-09	6.08E-08	0.00E+00	1.31E-09	1.19E-08	8.14E-06	2.22E-04	0.00E+00	6.28E-09	0.00E+00	2.79E-10	1.19E-05	0.00E+00	0.00E+00	2.22E-04
495	ALL		587972.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-09	6.06E-08	0.00E+00	1.31E-09	1.19E-08	8.12E-06	2.21E-04	0.00E+00	6.26E-09	0.00E+00	2.79E-10	1.18E-05	0.00E+00	0.00E+00	2.21E-04
314	ALL		588012.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	2.31E-09	6.05E-08	0.00E+00	1.30E-09	1.19E-08	8.09E-06	2.20E-04	0.00E+00	6.25E-09	0.00E+00	2.78E-10	1.18E-05	0.00E+00	0.00E+00	2.20E-04
400	ALL		587932.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-09	5.94E-08	0.00E+00	1.28E-09	1.17E-08	7.95E-06	2.17E-04	0.00E+00	6.14E-09	0.00E+00	2.73E-10	1.16E-05	0.00E+00	0.00E+00	2.17E-04
494	ALL		587952.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	2.25E-09	5.90E-08	0.00E+00	1.27E-09	1.16E-08	7.89E-06	2.15E-04	0.00E+00	6.09E-09	0.00E+00	2.71E-10	1.15E-05	0.00E+00	0.00E+00	2.15E-04
462	ALL		587932.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-09	5.84E-08	0.00E+00	1.26E-09	1.15E-08	7.82E-06	2.13E-04	0.00E+00	6.03E-09	0.00E+00	2.69E-10	1.14E-05	0.00E+00	0.00E+00	2.13E-04
498	ALL		588032.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-09	5.83E-08	0.00E+00	1.26E-09	1.15E-08	7.81E-06	2.13E-04	0.00E+00	6.03E-09	0.00E+00	2.68E-10	1.14E-05	0.00E+00	0.00E+00	2.13E-04
331	ALL		587972.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-09	5.59E-08	0.00E+00	1.21E-09	1.10E-08	7.48E-06	2.04E-04	0.00E+00	5.78E-09	0.00E+00	2.57E-10	1.09E-05	0.00E+00	0.00E+00	2.04E-04
410	ALL		588132.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-09	5.57E-08	0.00E+00	1.20E-09	1.09E-08	7.46E-06	2.03E-04	0.00E+00	5.75E-09	0.00E+00	2.56E-10	1.09E-05	0.00E+00	0.00E+00	2.03E-04
352	ALL		587952.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-09	5.56E-08	0.00E+00	1.20E-09	1.09E-08	7.45E-06	2.03E-04	0.00E+00	5.75E-09	0.00E+00	2.56E-10	1.08E-05	0.00E+00	0.00E+00	2.03E-04
439	ALL		588092.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	2.12E-09	5.55E-08	0.00E+00	1.20E-09	1.09E-08	7.42E-06	2.02E-04	0.00E+00	5.73E-09	0.00E+00	2.55E-10	1.08E-05	0.00E+00	0.00E+00	2.02E-04
440	ALL		588112.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	2.09E-09	5.49E-08	0.00E+00	1.18E-09	1.08E-08	7.35E-06	2.00E-04	0.00E+00	5.67E-09	0.00E+00	2.52E-10	1.07E-05	0.00E+00	0.00E+00	2.00E-04
375	ALL		587932.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	2.07E-09	5.42E-08	0.00E+00	1.17E-09	1.06E-08	7.25E-06	1.97E-04	0.00E+00	5.60E-09	0.00E+00	2.49E-10	1.06E-05	0.00E+00	0.00E+00	1.97E-04
493	ALL		587932.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	2.06E-09	5.40E-08	0.00E+00	1.16E-09	1.06E-08	7.23E-06	1.97E-04	0.00E+00	5.58E-09	0.00E+00	2.48E-10	1.05E-05	0.00E+00	0.00E+00	1.97E-04
499	ALL		588052.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-09	5.37E-08	0.00E+00	1.16E-09	1.05E-08	7.18E-06	1.96E-04	0.00E+00	5.55E-09	0.00E+00	2.47E-10	1.05E-05	0.00E+00	0.00E+00	1.96E-04
526	ALL		587972.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-09	5.28E-08	0.00E+00	1.14E-09	1.04E-08	7.07E-06	1.92E-04	0.00E+00	5.45E-09	0.00E+00	2.43E-10	1.03E-05	0.00E+00	0.00E+00	1.92E-04
430	ALL		587912.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-09	5.26E-08	0.00E+00	1.13E-09	1.03E-08	7.04E-06	1.92E-04	0.00E+00	5.43E-09	0.00E+00	2.42E-10	1.03E-05	0.00E+00	0.00E+00	1.92E-04
469	ALL		588072.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	2.00E-09	5.25E-08	0.00E+00	1.13E-09	1.03E-08	7.02E-06	1.91E-04	0.00E+00	5.42E-09	0.00E+00	2.41E-10	1.02E-05	0.00E+00	0.00E+00	1.91E-04
525	ALL		587952.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.99E-09	5.23E-08	0.00E+00	1.13E-09	1.03E-08	7.00E-06	1.90E-04	0.00E+00	5.40E-09	0.00E+00	2.40E-10	1.02E-05	0.00E+00	0.00E+00	1.90E-04
461	ALL		587912.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	1.98E-09	5.20E-08	0.00E+00	1.12E-09	1.02E-08	6.95E-06	1.89E-04	0.00E+00	5.37E-09	0.00E+00	2.39E-10	1.01E-05	0.00E+00	0.00E+00	1.89E-04
470	ALL		588092.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-09	5.13E-08	0.00E+00	1.10E-09	1.01E-08	6.86E-06	1.87E-04	0.00E+00	5.29E-09	0.00E+00	2.36E-10	1.00E-05	0.00E+00	0.00E+00	1.87E-04
527	ALL		587992.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-09	5.10E-08	0.00E+00	1.10E-09	1.00E-08	6.83E-06	1.86E-04	0.00E+00	5.27E-09	0.00E+00	2.35E-10	9.96E-06	0.00E+00	0.00E+00	1.86E-04
303	ALL		588052.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	1.94E-09	5.08E-08	0.00E+00	1.09E-09	9.97E-09	6.80E-06	1.85E-04	0.00E+00	5.25E-09	0.00E+00	2.33E-10	9.90E-06	0.00E+00	0.00E+00	1.85E-04
528	ALL		588012.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.93E-09	5.06E-08	0.00E+00	1.09E-09	9.93E-09	6.77E-06	1.84E-04	0.00E+00	5.22E-09	0.00E+00	2.32E-10	9.86E-06	0.00E+00	0.00E+00	1.84E-04
399	ALL		587912.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	1.91E-09	5.00E-08	0.00E+00	1.08E-09	9.83E-09	6.70E-06	1.82E-04	0.00E+00	5.17E-09	0.00E+00	2.30E-10	9.76E-06	0.00E+00	0.00E+00	1.82E-04
492	ALL		587912.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-09	4.93E-08	0.00E+00	1.06E-09	9.69E-09	6.60E-06	1.80E-04	0.00E+00	5.10E-09	0.00E+00	2.27E-10	9.62E-06	0.00E+00	0.00E+00	1.80E-04
313	ALL		587992.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-09	4.92E-08	0.00E+00	1.06E-09	9.66E-09	6.58E-06	1.79E-04	0.00E+00	5.08E-09	0.00E+00	2.26E-10	9.59E-06	0.00E+00	0.00E+00	1.79E-04
524	ALL		587932.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-09	4.87E-08	0.00E+00	1.05E-09	9.57E-09	6.52E-06	1.78E-04	0.00E+00	5.03E-09	0.00E+00	2.24E-10	9.50E-06	0.00E+00	0.00E+00	1.78E-04
529	ALL		588032.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.83E-09	4.81E-08	0.00E+00	1.04E-09	9.45E-09	6.44E-06	1.75E-04	0.00E+00	4.97E-09	0.00E+00	2.21E-10	9.38E-06	0.00E+00	0.00E+00	1.75E-04
223	ALL		588352.5	4126435	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-09	4.72E-08	0.00E+00	1.02E-09	9.28E-09	6.32E-06	1.72E-04	0.00E+00	4.88E-09	0.00E+00	2.17E-10	9.21E-06	0.00E+00	0.00E+00	1.72E-04
209	ALL		588332.5	4126415	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-09	4.71E-08	0.00E+00	1.01E-09	9.24E-09	6.30E-06	1.72E-04	0.00E+00	4.86E-09	0.00E+00	2.16E-10	9.18E-06	0.00E+00	0.00E+00	1.72E-04
441	ALL		588132.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	1.76E-09	4.62E-08	0.00E+00	9.95E-10	9.07E-09	6.18E-06	1.68E-04	0.00E+00	4.77E-09	0.00E+00	2.12E-10	9.01E-06	0.00E+00	0.00E+00	1.68E-04
523	ALL		587912.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-09	4.59E-08	0.00E+00	9.89E-10	9.02E-09	6.14E-06	1.67E-04	0.00E+00	4.74E-09	0.00E+00	2.11E-10	8.95E-06	0.00E+00	0.00E+00	1.67E-04
302	ALL		588032.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	1.75E-09	4.57E-08	0.00E+00	9.86E-10	8.99E-09	6.12E-06	1.67E-04	0.00E+00	4.73E-09	0.00E+00	2.10E-10	8.92E-06	0.00E+00	0.00E+00	1.67E-04
557	ALL		587972.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-09	4.57E-08	0.00E+00	9.85E-10	8.98E-09	6.12E-06	1.67E-04	0.00E+00	4.72E-09	0.00E+00	2.10E-10	8.92E-06	0.00E+00	0.00E+00	1.67E-04
556	ALL		587952.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-09	4.56E-08	0.00E+00	9.83E-10	8.96E-09	6.11E-06	1.66E-04	0.00E+00	4.71E-09	0.00E+00	2.10E-10	8.90E-06	0.00E+00	0.00E+00	1.66E-04
381	ALL		588172.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	1.74E-09	4.55E-08	0.00E+00	9.81E-10	8.94E-09	6.09E-06	1.66E-04	0.00E+00	4.70E-09	0.00E+00	2.09E-10	8.88E-06	0.00E+00	0.00E+00	1.66E-04
351	ALL		587932.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-09	4.55E-08	0.00E+00	9.80E-10	8.93E-09	6.09E-06	1.66E-04	0.00E+00	4.70E-09	0.00E+00	2.09E-10	8.87E-06	0.00E+00	0.00E+00	1.66E-04
471	ALL		588112.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-09	4.53E-08	0.00E+00	9.76E-10	8.89E-09	6.06E-06	1.65E-04	0.00E+00	4.68E-09	0.00E+00	2.08E-10	8.83E-06	0.00E+00	0.00E+00	1.65E-04
460	ALL		587892.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-09	4.53E-08	0.00E+00	9.75E-10	8.89E-09	6.06E-06	1.65E-04	0.00E+00	4.67E-09	0.00E+00	2.08E-10	8.82E-06	0.00E+00	0.00E+00	1.65E-04
411	ALL		588152.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	1.73E-09	4.52E-08	0.00E+00	9.75E-10	8.88E-09	6.05E-06	1.65E-04	0.00E+00	4.67E-09	0.00E+00	2.08E-10	8.82E-06	0.00E+00	0.00E+00	1.65E-04
374	ALL		587912.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	1.72E-09	4.51E-08	0.00E+00	9.72E-10	8.86E-09	6.04E-06	1.64E-04	0.00E+00	4.66E-09	0.00E+00	2.07E-10	8.80E-06	0.00E+00	0.00E+00	1.64E-04
429	ALL		587892.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	1.71E-09	4.48E-08	0.00E+00	9.65E-10	8.79E-09	5.99E-06	1.63E-04	0.00E+00	4.63E-09	0.00E+00	2.06E-10	8.73E-06	0.00E+00	0.00E+00	1.63E-04
530	ALL		588052.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-09	4.43E-08	0.00E+00	9.54E-10	8.69E-09	5.92E-06	1.61E-04	0.00E+00	4.57E-09	0.00E+00	2.03E-10	8.63E-06	0.00E+00	0.00E+00	1.61E-04
491	ALL		587892.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-09	4.42E-08	0.00E+00	9.53E-10	8.69E-09	5.92E-06	1.61E-04	0.00E+00	4.57E-09	0.00E+00	2.03E-10	8.63E-06	0.00E+00	0.00E+00	1.61E-04
330	ALL		587952.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	1.69E-09	4.42E-08	0.00E+00	9.53E-10	8.68E-09	5.91E-06	1.61E-04	0.00E+00	4.57E-09	0.00E+00	2.03E-10	8.62E-06	0.00E+00	0.00E+00	1.61E-04
210	ALL		588352.5

196	ALL	588372.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-09	3.81E-08	0.00E+00	8.21E-10	7.49E-09	5.10E-06	1.39E-04	0.00E+00	3.94E-09	0.00E+00	1.75E-10	7.43E-06	0.00E+00	0.00E+00	1.39E-04
358	ALL	588212.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-09	3.80E-08	0.00E+00	8.20E-10	7.47E-09	5.09E-06	1.39E-04	0.00E+00	3.93E-09	0.00E+00	1.75E-10	7.42E-06	0.00E+00	0.00E+00	1.39E-04
412	ALL	588172.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-09	3.80E-08	0.00E+00	8.20E-10	7.47E-09	5.09E-06	1.39E-04	0.00E+00	3.93E-09	0.00E+00	1.75E-10	7.42E-06	0.00E+00	0.00E+00	1.39E-04
588	ALL	587972.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-09	3.80E-08	0.00E+00	8.20E-10	7.47E-09	5.09E-06	1.39E-04	0.00E+00	3.93E-09	0.00E+00	1.75E-10	7.42E-06	0.00E+00	0.00E+00	1.39E-04
442	ALL	588152.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-09	3.80E-08	0.00E+00	8.19E-10	7.46E-09	5.08E-06	1.38E-04	0.00E+00	3.92E-09	0.00E+00	1.75E-10	7.41E-06	0.00E+00	0.00E+00	1.38E-04
175	ALL	588312.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.45E-09	3.79E-08	0.00E+00	8.17E-10	7.44E-09	5.07E-06	1.38E-04	0.00E+00	3.91E-09	0.00E+00	1.74E-10	7.39E-06	0.00E+00	0.00E+00	1.38E-04
373	ALL	587892.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-09	3.78E-08	0.00E+00	8.15E-10	7.42E-09	5.06E-06	1.38E-04	0.00E+00	3.90E-09	0.00E+00	1.74E-10	7.37E-06	0.00E+00	0.00E+00	1.38E-04
585	ALL	587912.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-09	3.78E-08	0.00E+00	8.15E-10	7.42E-09	5.06E-06	1.38E-04	0.00E+00	3.90E-09	0.00E+00	1.74E-10	7.37E-06	0.00E+00	0.00E+00	1.38E-04
552	ALL	587872.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-09	3.78E-08	0.00E+00	8.14E-10	7.42E-09	5.06E-06	1.38E-04	0.00E+00	3.90E-09	0.00E+00	1.74E-10	7.37E-06	0.00E+00	0.00E+00	1.38E-04
502	ALL	588112.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	1.44E-09	3.76E-08	0.00E+00	8.11E-10	7.40E-09	5.04E-06	1.37E-04	0.00E+00	3.89E-09	0.00E+00	1.73E-10	7.34E-06	0.00E+00	0.00E+00	1.37E-04
212	ALL	588392.5	4126415	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-09	3.73E-08	0.00E+00	8.05E-10	7.34E-09	5.00E-06	1.36E-04	0.00E+00	3.86E-09	0.00E+00	1.72E-10	7.28E-06	0.00E+00	0.00E+00	1.36E-04
350	ALL	587912.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-09	3.72E-08	0.00E+00	8.03E-10	7.32E-09	4.98E-06	1.36E-04	0.00E+00	3.85E-09	0.00E+00	1.71E-10	7.26E-06	0.00E+00	0.00E+00	1.36E-04
174	ALL	588292.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.42E-09	3.71E-08	0.00E+00	8.01E-10	7.30E-09	4.97E-06	1.35E-04	0.00E+00	3.84E-09	0.00E+00	1.71E-10	7.24E-06	0.00E+00	0.00E+00	1.35E-04
176	ALL	588332.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-09	3.69E-08	0.00E+00	7.96E-10	7.25E-09	4.94E-06	1.35E-04	0.00E+00	3.81E-09	0.00E+00	1.70E-10	7.20E-06	0.00E+00	0.00E+00	1.35E-04
561	ALL	588052.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	1.41E-09	3.69E-08	0.00E+00	7.95E-10	7.24E-09	4.94E-06	1.34E-04	0.00E+00	3.81E-09	0.00E+00	1.70E-10	7.19E-06	0.00E+00	0.00E+00	1.34E-04
589	ALL	587992.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-09	3.67E-08	0.00E+00	7.91E-10	7.21E-09	4.91E-06	1.34E-04	0.00E+00	3.79E-09	0.00E+00	1.69E-10	7.16E-06	0.00E+00	0.00E+00	1.34E-04
489	ALL	587852.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	1.40E-09	3.67E-08	0.00E+00	7.90E-10	7.20E-09	4.91E-06	1.34E-04	0.00E+00	3.79E-09	0.00E+00	1.69E-10	7.15E-06	0.00E+00	0.00E+00	1.34E-04
584	ALL	587892.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-09	3.64E-08	0.00E+00	7.84E-10	7.15E-09	4.87E-06	1.33E-04	0.00E+00	3.76E-09	0.00E+00	1.67E-10	7.09E-06	0.00E+00	0.00E+00	1.33E-04
520	ALL	587852.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-09	3.64E-08	0.00E+00	7.84E-10	7.14E-09	4.87E-06	1.33E-04	0.00E+00	3.76E-09	0.00E+00	1.67E-10	7.09E-06	0.00E+00	0.00E+00	1.33E-04
177	ALL	588352.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-09	3.64E-08	0.00E+00	7.84E-10	7.14E-09	4.87E-06	1.33E-04	0.00E+00	3.76E-09	0.00E+00	1.67E-10	7.09E-06	0.00E+00	0.00E+00	1.33E-04
397	ALL	587872.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	1.39E-09	3.63E-08	0.00E+00	7.83E-10	7.13E-09	4.86E-06	1.32E-04	0.00E+00	3.75E-09	0.00E+00	1.67E-10	7.08E-06	0.00E+00	0.00E+00	1.32E-04
329	ALL	587932.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	1.38E-09	3.62E-08	0.00E+00	7.80E-10	7.11E-09	4.84E-06	1.32E-04	0.00E+00	3.74E-09	0.00E+00	1.66E-10	7.06E-06	0.00E+00	0.00E+00	1.32E-04
458	ALL	587852.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	1.37E-09	3.58E-08	0.00E+00	7.72E-10	7.04E-09	4.79E-06	1.31E-04	0.00E+00	3.70E-09	0.00E+00	1.65E-10	6.98E-06	0.00E+00	0.00E+00	1.31E-04
197	ALL	588392.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.36E-09	3.57E-08	0.00E+00	7.70E-10	7.02E-09	4.78E-06	1.30E-04	0.00E+00	3.69E-09	0.00E+00	1.64E-10	6.97E-06	0.00E+00	0.00E+00	1.30E-04
583	ALL	587872.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-09	3.55E-08	0.00E+00	7.65E-10	6.97E-09	4.75E-06	1.29E-04	0.00E+00	3.67E-09	0.00E+00	1.63E-10	6.92E-06	0.00E+00	0.00E+00	1.29E-04
590	ALL	588012.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-09	3.55E-08	0.00E+00	7.65E-10	6.97E-09	4.75E-06	1.29E-04	0.00E+00	3.67E-09	0.00E+00	1.63E-10	6.92E-06	0.00E+00	0.00E+00	1.29E-04
226	ALL	588412.5	4126435	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-09	3.54E-08	0.00E+00	7.64E-10	6.96E-09	4.74E-06	1.29E-04	0.00E+00	3.66E-09	0.00E+00	1.63E-10	6.91E-06	0.00E+00	0.00E+00	1.29E-04
551	ALL	587852.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	1.35E-09	3.53E-08	0.00E+00	7.61E-10	6.93E-09	4.72E-06	1.29E-04	0.00E+00	3.65E-09	0.00E+00	1.62E-10	6.88E-06	0.00E+00	0.00E+00	1.29E-04
178	ALL	588372.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-09	3.52E-08	0.00E+00	7.58E-10	6.91E-09	4.71E-06	1.28E-04	0.00E+00	3.63E-09	0.00E+00	1.62E-10	6.86E-06	0.00E+00	0.00E+00	1.28E-04
238	ALL	588412.5	4126455	NonCancerChronicDerived_InhSoilDermMMilk	1.34E-09	3.51E-08	0.00E+00	7.56E-10	6.89E-09	4.70E-06	1.28E-04	0.00E+00	3.62E-09	0.00E+00	1.61E-10	6.84E-06	0.00E+00	0.00E+00	1.28E-04
213	ALL	588412.5	4126415	NonCancerChronicDerived_InhSoilDermMMilk	1.33E-09	3.49E-08	0.00E+00	7.53E-10	6.86E-09	4.67E-06	1.27E-04	0.00E+00	3.61E-09	0.00E+00	1.61E-10	6.81E-06	0.00E+00	0.00E+00	1.27E-04
617	ALL	587932.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.31E-09	3.43E-08	0.00E+00	7.38E-10	6.73E-09	4.58E-06	1.25E-04	0.00E+00	3.54E-09	0.00E+00	1.57E-10	6.68E-06	0.00E+00	0.00E+00	1.25E-04
311	ALL	587952.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-09	3.40E-08	0.00E+00	7.33E-10	6.68E-09	4.55E-06	1.24E-04	0.00E+00	3.51E-09	0.00E+00	1.56E-10	6.63E-06	0.00E+00	0.00E+00	1.24E-04
427	ALL	587852.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-09	3.40E-08	0.00E+00	7.33E-10	6.68E-09	4.55E-06	1.24E-04	0.00E+00	3.51E-09	0.00E+00	1.56E-10	6.63E-06	0.00E+00	0.00E+00	1.24E-04
300	ALL	587992.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-09	3.40E-08	0.00E+00	7.32E-10	6.67E-09	4.55E-06	1.24E-04	0.00E+00	3.51E-09	0.00E+00	1.56E-10	6.62E-06	0.00E+00	0.00E+00	1.24E-04
616	ALL	587912.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-09	3.39E-08	0.00E+00	7.32E-10	6.67E-09	4.54E-06	1.24E-04	0.00E+00	3.51E-09	0.00E+00	1.56E-10	6.62E-06	0.00E+00	0.00E+00	1.24E-04
591	ALL	588032.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-09	3.39E-08	0.00E+00	7.30E-10	6.66E-09	4.54E-06	1.23E-04	0.00E+00	3.50E-09	0.00E+00	1.56E-10	6.61E-06	0.00E+00	0.00E+00	1.23E-04
562	ALL	588072.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-09	3.38E-08	0.00E+00	7.29E-10	6.64E-09	4.53E-06	1.23E-04	0.00E+00	3.49E-09	0.00E+00	1.55E-10	6.59E-06	0.00E+00	0.00E+00	1.23E-04
618	ALL	587952.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-09	3.38E-08	0.00E+00	7.29E-10	6.64E-09	4.53E-06	1.23E-04	0.00E+00	3.49E-09	0.00E+00	1.55E-10	6.59E-06	0.00E+00	0.00E+00	1.23E-04
532	ALL	588092.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-09	3.38E-08	0.00E+00	7.28E-10	6.63E-09	4.52E-06	1.23E-04	0.00E+00	3.49E-09	0.00E+00	1.55E-10	6.58E-06	0.00E+00	0.00E+00	1.23E-04
582	ALL	587852.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-09	3.37E-08	0.00E+00	7.27E-10	6.63E-09	4.51E-06	1.23E-04	0.00E+00	3.48E-09	0.00E+00	1.55E-10	6.58E-06	0.00E+00	0.00E+00	1.23E-04
179	ALL	588392.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-09	3.36E-08	0.00E+00	7.24E-10	6.60E-09	4.49E-06	1.22E-04	0.00E+00	3.47E-09	0.00E+00	1.54E-10	6.55E-06	0.00E+00	0.00E+00	1.22E-04
336	ALL	588252.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-09	3.33E-08	0.00E+00	7.19E-10	6.55E-09	4.46E-06	1.22E-04	0.00E+00	3.44E-09	0.00E+00	1.53E-10	6.50E-06	0.00E+00	0.00E+00	1.22E-04
198	ALL	588412.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-09	3.33E-08	0.00E+00	7.18E-10	6.54E-09	4.46E-06	1.21E-04	0.00E+00	3.44E-09	0.00E+00	1.53E-10	6.49E-06	0.00E+00	0.00E+00	1.21E-04
359	ALL	588232.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-09	3.32E-08	0.00E+00	7.16E-10	6.52E-09	4.45E-06	1.21E-04	0.00E+00	3.43E-09	0.00E+00	1.53E-10	6.48E-06	0.00E+00	0.00E+00	1.21E-04
248	ALL	588412.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-09	3.32E-08	0.00E+00	7.15E-10	6.52E-09	4.44E-06	1.21E-04	0.00E+00	3.43E-09	0.00E+00	1.52E-10	6.47E-06	0.00E+00	0.00E+00	1.21E-04
157	ALL	588332.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-09	3.31E-08	0.00E+00	7.15E-10	6.51E-09	4.44E-06	1.21E-04	0.00E+00	3.42E-09	0.00E+00	1.52E-10	6.46E-06	0.00E+00	0.00E+00	1.21E-04
615	ALL	587892.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-09	3.31E-08	0.00E+00	7.14E-10	6.51E-09	4.44E-06	1.21E-04	0.00E+00	3.42E-09	0.00E+00	1.52E-10	6.46E-06	0.00E+00	0.00E+00	1.21E-04
158	ALL	588352.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-09	3.30E-08	0.00E+00	7.12E-10	6.49E-09	4.42E-06	1.20E-04	0.00E+00	3.41E-09	0.00E+00	1.52E-10	6.44E-06	0.00E+00	0.00E+00	1.20E-04
519	ALL	587832.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-09	3.30E-08	0.00E+00	7.11E-10	6.48E-09	4.42E-06	1.20E-04	0.00E+00	3.41E-09	0.00E+00	1.52E-10	6.43E-06	0.00E+00	0.00E+00	1.20E-04
383	ALL	588212.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-09	3.30E-08	0.00E+00	7.10E-10	6.47E-09	4.41E-06	1.20E-04	0.00E+00	3.40E-09	0.00E+00	1.51E-10	6.43E-06	0.00E+00	0.00E+00	1.20E-04
488	ALL	587832.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-09	3.29E-08	0.00E+00	7.10E-10	6.47E-09	4.41E-06	1.20E-04	0.00E+00	3.40E-09	0.00E+00	1.51E-10	6.42E-06	0.00E+00	0.00E+00	1.20E-04
619	ALL	587972.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.26E-09	3.29E-08	0.00E+00	7.09E-10	6.46E-09	4.40E-06	1.20E-04	0.00E+00	3.40E-09	0.00E+00	1.51E-10	6.42E-06	0.00E+00	0.00E+00	1.20E-04
156	ALL	588312.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-09	3.29E-08	0.00E+00	7.08E-10	6.45E-09	4.40E-06	1.20E-04	0.00E+00	3.39E-09	0.00E+00	1.51E-10	6.41E-06	0.00E+00	0.00E+00	1.20E-04
614	ALL	587872.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.25E-09	3.27E-08	0.00E+00	7.04E-10	6.41E-09	4.37E-06	1.19E-04	0.00E+00	3.37E-09	0.00E+00	1.50E-10	6.37E-06	0.00E+00	0.00E+00	1.19E-04
413	ALL	588192.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-09	3.26E-08	0.00E+00	7.02E-10	6.39E-09	4.36E-06	1.19E-04	0.00E+00	3.36E-09	0.00E+00	1.50E-10	6.35E-06	0.00E+00	0.00E+00	1.19E-04
550	ALL	587832.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-09	3.25E-08	0.00E+00	7.01E-10	6.39E-09	4.35E-06	1.19E-04	0.00E+00	3.36E-09	0.00E+00	1.49E-10	6.34E-06	0.00E+00	0.00E+00	1.19E-04
503	ALL	588132.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	1.23E-09	3.23E-08	0.00E+00	6.96E-10	6.35E-09	4.32E-06	1.18E-04	0.00E+00	3.34E-09	0.00E+00	1.49E-10	6.30E-06	0.00E+00	0.00E+00	1.18E-04
372	ALL	587872.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-09	3.19E-08	0.00E+00	6.88E-10	6.27E-09	4.27E-06	1.16E-04	0.00E+00	3.30E-09	0.00E+00	1.47E-10	6.23E-06	0.00E+00	0.00E+00	1.16E-04
443	ALL	588172.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-09	3.19E-08	0.00E+00	6.88E-10	6.27E-09	4.27E-06	1.16E-04	0.00E+00	3.30E-09	0.00E+00	1.47E-10	6.22E-06	0.00E+00	0.00E+00	1.16E-04
473	ALL	588152.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-09	3.19E-08	0.00E+00	6.88E-10	6.27E-09	4.27E-06	1.16E-04	0.00E+00	3.30E-09	0.00E+00	1.47E-10	6.22E-06	0.00E+00	0.00E+00	1.16E-04
159	ALL	588372.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-09	3.19E-08	0.00E+00	6.87E-10	6.26E-09	4.27E-06	1.16E-04	0.00E+00	3.29E-09	0.00E+00	1.47E-10	6.22E-06	0.00E+00	0.00E+00	1.16E-04
180	ALL	588412.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.22E-09	3.19E-08	0.00E+00	6.87E-10	6.26E-09	4.27E-06	1.16E-04	0.00E+00	3.29E-09	0.00E+00	1.47E-10	6.22E-06	0.00E+00	0.00E+00	1.16E-04
457	ALL	587832.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-09	3.17E-08	0.00E+00	6.83E-10	6.22E-09	4.24E-06	1.15E-04	0.00E+00	3.27E-09	0.00E+00	1.46E-10	6.18E-06	0.00E+00	0.00E+00	1.15E-04
533	ALL	588112.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.21E-09	3.17E-08	0.00E+00	6.83E-10	6.22E-09	4.24E-06	1.15E-04	0.00E+00	3.27E-09	0.00E+00	1.46E-10	6.18E-06	0.00E+00	0.00E+00	1.15E-04
620	ALL	587992.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-09	3.15E-08	0.00E+00	6.80E-10	6.19E-09	4.22E-06	1.15E-04	0.00E+00	3.26E-09	0.00E+00	1.45E-10	6.15E-06	0.00E+00	0.00E+00	1.15E-04
155	ALL	588292.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-09	3.15E-08	0.00E+00	6.79E-10	6.19E-09	4.22E-06	1.15E-04	0.00E+00	3.25E-09	0.00E+00	1.45E-10	6.14E-06	0.00E+00	0.00E+00	1.15E-04
613	ALL	587852.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-09	3.15E-08	0.00E+00	6.79E-10	6.19E-09	4.22E-06	1.15E-04	0.00E+00	3.25E-09	0.00E+00	1.45E-10	6.14E-06	0.00E+00	0.00E+00	1.15E-04
592	ALL	588052.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-09	3.13E-08	0.00E+00	6.75E-10	6.15E-09	4.19E-06	1.14E-04	0.00E+00	3.24E-09	0.00E+00	1.44E-10	6.11E-06	0.00E+00	0.00E+00	1.14E-04
349	ALL	587892.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-09	3.13E-08	0.00E+00	6.75E-10	6.15E-09	4.19E-06	1.14E-04	0.00E+00	3.23E-09	0.00E+00	1.44E-10	6.11E-06	0.00E+00	0.00E+00	1.14E-04
581	ALL	587832.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-09	3.13E-08	0.00E+00	6.75E-10	6.15E-09	4.19E-06	1.14E-04	0.00E+00	3.23E-09	0.00E+00	1.44E-10	6.10E-06	0.00E+00	0.00E+00	1.14E-04
396	ALL	587852.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-09	3.10E-08	0.00E+00	6.69E-10	6.09E-09	4.15E-06	1.13E-04	0.00E+00	3.20E-09	0.00E+00	1.43E-10	6.05E-06	0.00E+00	0.00E+00	1.13E-04
160	ALL	588392.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-09	3.09E-08	0.00E+00	6.66E-10	6.07E-09	4.13E-06	1.13E-04	0.00E+00	3.19E-09	0.00E+00	1.42E-10	6.02E-06	0.00E+00	0.00E+00	1.13E-04
328	ALL	587912.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	1.16E-09	3.05E-08	0.00E+00	6.58E-10	6.00E-09	4.09E-06	1.11E-04	0.00E+00	3.15E-09	0.00E+00	1.40E-10	5.95E-06	0.00E+00	0.00E+00	1.11E-04
621	ALL	588012.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-09	3.02E-08	0.00E+00	6.51E-10	5.93E-09	4.04E-06	1.10E-04	0.00E+00	3.12E-09	0.00E+00	1.39E-10	5.89E-06	0.00E+00	0.00E+00	1.10E-04
647	ALL	587912.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-09	3.00E-08	0.00E+00	6.46E-10	5.89E-09	4.01E-06	1.09E-04	0.00E+00	3.10E-09	0.00E+00	1.38E-10	5.85E-06	0.00E+00	0.00E+00	1.09E-04
646	ALL	587892.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-09	2.99E-08	0.00E+00	6.45E-10	5.88E-09	4.00E-06	1.09E-04	0.00E+00	3.09E-09	0.00E+00	1.38E-10	5.84E-06	0.00E+00	0.00E+00	1.09E-04
518	ALL	587812.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-09	2.98E-08	0.00E+00	6.43E-10	5.86E-09	3.99E-06	1.09E-04	0.00E+00	3.08E-09	0.00E+00	1.37E-10	5.82E-06	0.00E+00	0.00E+00	1.09E-04
161	ALL	588412.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-09	2.98E-08	0.00E+00	6.43E-10	5.86E-09	3.99E-06	1.09E-04	0.00E+00	3.08E-09	0.00E+00	1.37E-10	5.81E-06	0.00E+00	0.00E+00	1.09E-04
612	ALL	587832.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-09	2.98E-08	0.00E+00	6.42E-10	5.85E-09	3.99E-06	1.09E-04	0.00E+00	3.08E-09	0.00E+00	1.37E-10	5.81E-06	0.00E+00	0.00E+00	1.09E-04
648	ALL	587932.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-09	2.98E-08	0.00E+00	6.41E-10	5.85E-09	3.98E-06	1.08E-04	0.00E+00	3.07E-09	0.00E+00	1.37E-10	5.80E-06	0.00E+00	0.00E+00	1.08E-04
549	ALL	587812.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-09	2.96E-08	0.00E+00	6.39E-10	5.82E-09	3.97E-06	1.08E-04	0.00E+00	3.06E-09	0.00E+00	1.36E-10	5.78E-06	0.00E+00	0.00E+00	1.08E-04
426	ALL	587832.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-09	2.96E-08	0.00E+00	6.38E-10	5.82E-09	3.96E-06	1.08E-04	0.00E+00	3.06E-09	0.00E+00	1.36E-10	5.78E-06	0.00E+00	0.00E+00	1.08E-04
645	ALL	587872.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	1.13E-09	2.96E-08	0.00E+00	6.38E-10	5.81E-09	3.96E-06	1.08E-04	0.00E+00	3.06E-09	0.00E+00	1.36E-10	5.77E-06	0.00E+00	0.00E+00	1.08E-04
137	ALL	588352.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-09	2.93E-08	0.00E+00	6.32E-10	5.76E-09	3.93E-06	1.07E-04	0.00E+00	3.03E-09	0.00E+00	1.35E-10	5.72E-06	0.00E+00	0.00E+00	1.07E-04
337	ALL	588272.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-09	2.93E-08	0.00E+00	6.32E-10	5.76E-09	3.92E-06	1.07E-04	0.00E+00	3.03E-09	0.00E+00	1.35E-10	5.72E-06	0.00E+00	0.00E+00	1.07E-04
649	ALL	587952.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-09	2.92E-08	0.00E+00	6.30E-10	5.74E-09	3.91E-06	1.06E-04	0.00E+00	3.02E-09	0.00E+00	1.34E-10	5.70E-06	0.00E+00	0.00E+00	1.06E-04
487	ALL	587812.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	1.11E-09	2.92E-08	0.00E+00	6.29E-10	5.73E-09	3.90E-06

623	ALL	588052.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-09	2.68E-08	0.00E+00	5.77E-10	5.26E-09	3.58E-06	9.76E-05	0.00E+00	2.77E-09	0.00E+00	1.23E-10	5.22E-06	0.00E+00	0.00E+00	9.76E-05
675	ALL	587852.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-09	2.68E-08	0.00E+00	5.77E-10	5.26E-09	3.58E-06	9.76E-05	0.00E+00	2.77E-09	0.00E+00	1.23E-10	5.22E-06	0.00E+00	0.00E+00	9.76E-05
348	ALL	587872.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-09	2.67E-08	0.00E+00	5.74E-10	5.24E-09	3.57E-06	9.71E-05	0.00E+00	2.75E-09	0.00E+00	1.23E-10	5.20E-06	0.00E+00	0.00E+00	9.71E-05
317	ALL	588312.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-09	2.65E-08	0.00E+00	5.72E-10	5.21E-09	3.55E-06	9.67E-05	0.00E+00	2.74E-09	0.00E+00	1.22E-10	5.18E-06	0.00E+00	0.00E+00	9.67E-05
642	ALL	587812.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-09	2.65E-08	0.00E+00	5.71E-10	5.21E-09	3.55E-06	9.66E-05	0.00E+00	2.74E-09	0.00E+00	1.22E-10	5.17E-06	0.00E+00	0.00E+00	9.66E-05
680	ALL	587952.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-09	2.63E-08	0.00E+00	5.66E-10	5.16E-09	3.52E-06	9.57E-05	0.00E+00	2.71E-09	0.00E+00	1.21E-10	5.12E-06	0.00E+00	0.00E+00	9.57E-05
289	ALL	588012.5	4126555	NonCancerChronicDerived_InhSoilDermMMilk	9.99E-10	2.62E-08	0.00E+00	5.64E-10	5.14E-09	3.50E-06	9.54E-05	0.00E+00	2.70E-09	0.00E+00	1.20E-10	5.11E-06	0.00E+00	0.00E+00	9.54E-05
674	ALL	587832.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-10	2.61E-08	0.00E+00	5.63E-10	5.14E-09	3.50E-06	9.53E-05	0.00E+00	2.70E-09	0.00E+00	1.20E-10	5.10E-06	0.00E+00	0.00E+00	9.53E-05
115	ALL	588372.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	9.97E-10	2.61E-08	0.00E+00	5.63E-10	5.13E-09	3.50E-06	9.53E-05	0.00E+00	2.70E-09	0.00E+00	1.20E-10	5.10E-06	0.00E+00	0.00E+00	9.53E-05
652	ALL	588012.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	9.96E-10	2.61E-08	0.00E+00	5.63E-10	5.13E-09	3.49E-06	9.51E-05	0.00E+00	2.70E-09	0.00E+00	1.20E-10	5.09E-06	0.00E+00	0.00E+00	9.51E-05
114	ALL	588352.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	9.92E-10	2.60E-08	0.00E+00	5.61E-10	5.11E-09	3.48E-06	9.48E-05	0.00E+00	2.69E-09	0.00E+00	1.20E-10	5.07E-06	0.00E+00	0.00E+00	9.48E-05
425	ALL	587812.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	9.89E-10	2.59E-08	0.00E+00	5.59E-10	5.09E-09	3.47E-06	9.45E-05	0.00E+00	2.68E-09	0.00E+00	1.19E-10	5.06E-06	0.00E+00	0.00E+00	9.45E-05
327	ALL	587892.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-10	2.58E-08	0.00E+00	5.56E-10	5.07E-09	3.45E-06	9.40E-05	0.00E+00	2.66E-09	0.00E+00	1.19E-10	5.03E-06	0.00E+00	0.00E+00	9.40E-05
594	ALL	588092.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-10	2.58E-08	0.00E+00	5.56E-10	5.07E-09	3.45E-06	9.40E-05	0.00E+00	2.66E-09	0.00E+00	1.19E-10	5.03E-06	0.00E+00	0.00E+00	9.40E-05
116	ALL	588392.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	9.84E-10	2.58E-08	0.00E+00	5.56E-10	5.06E-09	3.45E-06	9.39E-05	0.00E+00	2.66E-09	0.00E+00	1.18E-10	5.03E-06	0.00E+00	0.00E+00	9.39E-05
338	ALL	588292.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	9.81E-10	2.57E-08	0.00E+00	5.54E-10	5.05E-09	3.44E-06	9.37E-05	0.00E+00	2.66E-09	0.00E+00	1.18E-10	5.01E-06	0.00E+00	0.00E+00	9.37E-05
113	ALL	588332.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	9.72E-10	2.55E-08	0.00E+00	5.49E-10	5.00E-09	3.41E-06	9.28E-05	0.00E+00	2.63E-09	0.00E+00	1.17E-10	4.97E-06	0.00E+00	0.00E+00	9.28E-05
385	ALL	588252.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	9.68E-10	2.54E-08	0.00E+00	5.47E-10	4.98E-09	3.40E-06	9.24E-05	0.00E+00	2.62E-09	0.00E+00	1.17E-10	4.95E-06	0.00E+00	0.00E+00	9.24E-05
361	ALL	588272.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	9.67E-10	2.54E-08	0.00E+00	5.47E-10	4.98E-09	3.39E-06	9.24E-05	0.00E+00	2.62E-09	0.00E+00	1.17E-10	4.94E-06	0.00E+00	0.00E+00	9.24E-05
681	ALL	587972.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	9.67E-10	2.53E-08	0.00E+00	5.46E-10	4.98E-09	3.39E-06	9.24E-05	0.00E+00	2.62E-09	0.00E+00	1.17E-10	4.94E-06	0.00E+00	0.00E+00	9.24E-05
673	ALL	587812.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	9.66E-10	2.53E-08	0.00E+00	5.46E-10	4.97E-09	3.39E-06	9.22E-05	0.00E+00	2.61E-09	0.00E+00	1.16E-10	4.94E-06	0.00E+00	0.00E+00	9.22E-05
117	ALL	588412.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-10	2.53E-08	0.00E+00	5.44E-10	4.96E-09	3.38E-06	9.20E-05	0.00E+00	2.61E-09	0.00E+00	1.16E-10	4.93E-06	0.00E+00	0.00E+00	9.20E-05
653	ALL	588032.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-10	2.50E-08	0.00E+00	5.40E-10	4.92E-09	3.35E-06	9.13E-05	0.00E+00	2.59E-09	0.00E+00	1.15E-10	4.88E-06	0.00E+00	0.00E+00	9.13E-05
133	ALL	588272.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	9.55E-10	2.50E-08	0.00E+00	5.40E-10	4.92E-09	3.35E-06	9.12E-05	0.00E+00	2.59E-09	0.00E+00	1.15E-10	4.88E-06	0.00E+00	0.00E+00	9.12E-05
415	ALL	588232.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	9.53E-10	2.50E-08	0.00E+00	5.38E-10	4.90E-09	3.34E-06	9.10E-05	0.00E+00	2.58E-09	0.00E+00	1.15E-10	4.87E-06	0.00E+00	0.00E+00	9.10E-05
624	ALL	588072.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	9.42E-10	2.47E-08	0.00E+00	5.32E-10	4.85E-09	3.30E-06	8.99E-05	0.00E+00	2.55E-09	0.00E+00	1.13E-10	4.81E-06	0.00E+00	0.00E+00	8.99E-05
298	ALL	587952.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-10	2.46E-08	0.00E+00	5.30E-10	4.83E-09	3.29E-06	8.95E-05	0.00E+00	2.54E-09	0.00E+00	1.13E-10	4.79E-06	0.00E+00	0.00E+00	8.95E-05
112	ALL	588312.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	9.37E-10	2.46E-08	0.00E+00	5.30E-10	4.83E-09	3.29E-06	8.95E-05	0.00E+00	2.54E-09	0.00E+00	1.13E-10	4.79E-06	0.00E+00	0.00E+00	8.95E-05
309	ALL	587912.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	9.26E-10	2.43E-08	0.00E+00	5.23E-10	4.77E-09	3.25E-06	8.84E-05	0.00E+00	2.51E-09	0.00E+00	1.12E-10	4.73E-06	0.00E+00	0.00E+00	8.84E-05
445	ALL	588212.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	9.20E-10	2.41E-08	0.00E+00	5.20E-10	4.74E-09	3.23E-06	8.79E-05	0.00E+00	2.49E-09	0.00E+00	1.11E-10	4.70E-06	0.00E+00	0.00E+00	8.79E-05
682	ALL	587992.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	9.16E-10	2.40E-08	0.00E+00	5.17E-10	4.72E-09	3.21E-06	8.75E-05	0.00E+00	2.48E-09	0.00E+00	1.10E-10	4.68E-06	0.00E+00	0.00E+00	8.75E-05
475	ALL	588192.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-10	2.40E-08	0.00E+00	5.17E-10	4.71E-09	3.21E-06	8.74E-05	0.00E+00	2.48E-09	0.00E+00	1.10E-10	4.68E-06	0.00E+00	0.00E+00	8.74E-05
565	ALL	588132.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	9.15E-10	2.40E-08	0.00E+00	5.17E-10	4.71E-09	3.21E-06	8.74E-05	0.00E+00	2.48E-09	0.00E+00	1.10E-10	4.68E-06	0.00E+00	0.00E+00	8.74E-05
505	ALL	588172.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	9.06E-10	2.38E-08	0.00E+00	5.12E-10	4.67E-09	3.18E-06	8.66E-05	0.00E+00	2.45E-09	0.00E+00	1.09E-10	4.63E-06	0.00E+00	0.00E+00	8.66E-05
535	ALL	588152.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-10	2.36E-08	0.00E+00	5.09E-10	4.64E-09	3.16E-06	8.61E-05	0.00E+00	2.44E-09	0.00E+00	1.09E-10	4.61E-06	0.00E+00	0.00E+00	8.61E-05
88	ALL	588372.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-10	2.35E-08	0.00E+00	5.07E-10	4.62E-09	3.15E-06	8.57E-05	0.00E+00	2.43E-09	0.00E+00	1.08E-10	4.59E-06	0.00E+00	0.00E+00	8.57E-05
288	ALL	587992.5	4126555	NonCancerChronicDerived_InhSoilDermMMilk	8.97E-10	2.35E-08	0.00E+00	5.06E-10	4.62E-09	3.14E-06	8.56E-05	0.00E+00	2.43E-09	0.00E+00	1.08E-10	4.58E-06	0.00E+00	0.00E+00	8.56E-05
89	ALL	588392.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	8.96E-10	2.35E-08	0.00E+00	5.06E-10	4.61E-09	3.14E-06	8.56E-05	0.00E+00	2.43E-09	0.00E+00	1.08E-10	4.58E-06	0.00E+00	0.00E+00	8.56E-05
370	ALL	587832.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	8.96E-10	2.35E-08	0.00E+00	5.06E-10	4.61E-09	3.14E-06	8.56E-05	0.00E+00	2.43E-09	0.00E+00	1.08E-10	4.58E-06	0.00E+00	0.00E+00	8.56E-05
111	ALL	588292.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	8.93E-10	2.34E-08	0.00E+00	5.05E-10	4.60E-09	3.13E-06	8.53E-05	0.00E+00	2.42E-09	0.00E+00	1.08E-10	4.57E-06	0.00E+00	0.00E+00	8.53E-05
394	ALL	587812.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	8.88E-10	2.33E-08	0.00E+00	5.02E-10	4.57E-09	3.12E-06	8.48E-05	0.00E+00	2.41E-09	0.00E+00	1.07E-10	4.54E-06	0.00E+00	0.00E+00	8.48E-05
654	ALL	588052.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	8.83E-10	2.31E-08	0.00E+00	4.99E-10	4.55E-09	3.10E-06	8.44E-05	0.00E+00	2.39E-09	0.00E+00	1.06E-10	4.51E-06	0.00E+00	0.00E+00	8.44E-05
90	ALL	588412.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	8.83E-10	2.31E-08	0.00E+00	4.99E-10	4.55E-09	3.10E-06	8.43E-05	0.00E+00	2.39E-09	0.00E+00	1.06E-10	4.51E-06	0.00E+00	0.00E+00	8.43E-05
87	ALL	588352.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-10	2.30E-08	0.00E+00	4.96E-10	4.52E-09	3.08E-06	8.39E-05	0.00E+00	2.38E-09	0.00E+00	1.06E-10	4.49E-06	0.00E+00	0.00E+00	8.39E-05
318	ALL	588332.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	8.76E-10	2.30E-08	0.00E+00	4.95E-10	4.51E-09	3.07E-06	8.37E-05	0.00E+00	2.37E-09	0.00E+00	1.06E-10	4.48E-06	0.00E+00	0.00E+00	8.37E-05
347	ALL	587852.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	8.69E-10	2.28E-08	0.00E+00	4.91E-10	4.47E-09	3.05E-06	8.30E-05	0.00E+00	2.35E-09	0.00E+00	1.05E-10	4.44E-06	0.00E+00	0.00E+00	8.30E-05
683	ALL	588012.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	8.68E-10	2.27E-08	0.00E+00	4.90E-10	4.47E-09	3.04E-06	8.29E-05	0.00E+00	2.35E-09	0.00E+00	1.05E-10	4.44E-06	0.00E+00	0.00E+00	8.29E-05
339	ALL	588312.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	8.62E-10	2.26E-08	0.00E+00	4.87E-10	4.44E-09	3.02E-06	8.23E-05	0.00E+00	2.33E-09	0.00E+00	1.04E-10	4.41E-06	0.00E+00	0.00E+00	8.23E-05
86	ALL	588332.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	8.60E-10	2.25E-08	0.00E+00	4.86E-10	4.43E-09	3.02E-06	8.22E-05	0.00E+00	2.33E-09	0.00E+00	1.04E-10	4.40E-06	0.00E+00	0.00E+00	8.22E-05
625	ALL	588092.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	8.59E-10	2.25E-08	0.00E+00	4.85E-10	4.42E-09	3.01E-06	8.20E-05	0.00E+00	2.33E-09	0.00E+00	1.03E-10	4.39E-06	0.00E+00	0.00E+00	8.20E-05
386	ALL	588272.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	8.58E-10	2.25E-08	0.00E+00	4.85E-10	4.42E-09	3.01E-06	8.20E-05	0.00E+00	2.32E-09	0.00E+00	1.03E-10	4.39E-06	0.00E+00	0.00E+00	8.20E-05
595	ALL	588112.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	8.56E-10	2.24E-08	0.00E+00	4.83E-10	4.40E-09	3.00E-06	8.17E-05	0.00E+00	2.32E-09	0.00E+00	1.03E-10	4.37E-06	0.00E+00	0.00E+00	8.17E-05
362	ALL	588292.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	8.53E-10	2.24E-08	0.00E+00	4.82E-10	4.39E-09	2.99E-06	8.15E-05	0.00E+00	2.31E-09	0.00E+00	1.03E-10	4.36E-06	0.00E+00	0.00E+00	8.15E-05
416	ALL	588252.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	8.47E-10	2.22E-08	0.00E+00	4.78E-10	4.36E-09	2.97E-06	8.09E-05	0.00E+00	2.29E-09	0.00E+00	1.02E-10	4.33E-06	0.00E+00	0.00E+00	8.09E-05
326	ALL	587872.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	8.40E-10	2.20E-08	0.00E+00	4.75E-10	4.32E-09	2.95E-06	8.02E-05	0.00E+00	2.27E-09	0.00E+00	1.01E-10	4.29E-06	0.00E+00	0.00E+00	8.02E-05
684	ALL	588032.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	8.32E-10	2.18E-08	0.00E+00	4.70E-10	4.28E-09	2.92E-06	7.94E-05	0.00E+00	2.25E-09	0.00E+00	1.00E-10	4.25E-06	0.00E+00	0.00E+00	7.94E-05
446	ALL	588232.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	8.30E-10	2.17E-08	0.00E+00	4.69E-10	4.27E-09	2.91E-06	7.92E-05	0.00E+00	2.25E-09	0.00E+00	9.99E-11	4.24E-06	0.00E+00	0.00E+00	7.92E-05
85	ALL	588312.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	8.24E-10	2.16E-08	0.00E+00	4.65E-10	4.24E-09	2.89E-06	7.87E-05	0.00E+00	2.23E-09	0.00E+00	9.92E-11	4.21E-06	0.00E+00	0.00E+00	7.87E-05
287	ALL	587972.5	4126555	NonCancerChronicDerived_InhSoilDermMMilk	8.19E-10	2.15E-08	0.00E+00	4.63E-10	4.21E-09	2.87E-06	7.82E-05	0.00E+00	2.22E-09	0.00E+00	9.86E-11	4.18E-06	0.00E+00	0.00E+00	7.82E-05
655	ALL	588072.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	8.16E-10	2.14E-08	0.00E+00	4.61E-10	4.20E-09	2.86E-06	7.79E-05	0.00E+00	2.21E-09	0.00E+00	9.83E-11	4.17E-06	0.00E+00	0.00E+00	7.79E-05
110	ALL	588272.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-10	2.14E-08	0.00E+00	4.60E-10	4.20E-09	2.86E-06	7.78E-05	0.00E+00	2.21E-09	0.00E+00	9.82E-11	4.17E-06	0.00E+00	0.00E+00	7.78E-05
61	ALL	588392.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	8.13E-10	2.13E-08	0.00E+00	4.59E-10	4.19E-09	2.85E-06	7.76E-05	0.00E+00	2.20E-09	0.00E+00	9.79E-11	4.16E-06	0.00E+00	0.00E+00	7.76E-05
62	ALL	588412.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	8.08E-10	2.12E-08	0.00E+00	4.57E-10	4.16E-09	2.84E-06	7.72E-05	0.00E+00	2.19E-09	0.00E+00	9.74E-11	4.13E-06	0.00E+00	0.00E+00	7.72E-05
297	ALL	587932.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	8.07E-10	2.12E-08	0.00E+00	4.56E-10	4.16E-09	2.83E-06	7.71E-05	0.00E+00	2.19E-09	0.00E+00	9.73E-11	4.13E-06	0.00E+00	0.00E+00	7.71E-05
476	ALL	588212.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	8.03E-10	2.10E-08	0.00E+00	4.54E-10	4.13E-09	2.82E-06	7.67E-05	0.00E+00	2.17E-09	0.00E+00	9.67E-11	4.10E-06	0.00E+00	0.00E+00	7.67E-05
60	ALL	588372.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	8.01E-10	2.10E-08	0.00E+00	4.52E-10	4.12E-09	2.81E-06	7.65E-05	0.00E+00	2.17E-09	0.00E+00	9.65E-11	4.09E-06	0.00E+00	0.00E+00	7.65E-05
506	ALL	588192.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	7.94E-10	2.08E-08	0.00E+00	4.48E-10	4.09E-09	2.78E-06	7.58E-05	0.00E+00	2.15E-09	0.00E+00	9.56E-11	4.06E-06	0.00E+00	0.00E+00	7.58E-05
596	ALL	588132.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	7.93E-10	2.08E-08	0.00E+00	4.48E-10	4.08E-09	2.78E-06	7.58E-05	0.00E+00	2.15E-09	0.00E+00	9.56E-11	4.05E-06	0.00E+00	0.00E+00	7.58E-05
536	ALL	588172.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-10	2.07E-08	0.00E+00	4.47E-10	4.07E-09	2.78E-06	7.56E-05	0.00E+00	2.14E-09	0.00E+00	9.54E-11	4.05E-06	0.00E+00	0.00E+00	7.56E-05
308	ALL	587892.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	7.91E-10	2.07E-08	0.00E+00	4.47E-10	4.07E-09	2.77E-06	7.55E-05	0.00E+00	2.14E-09	0.00E+00	9.52E-11	4.04E-06	0.00E+00	0.00E+00	7.55E-05
566	ALL	588152.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	7.90E-10	2.07E-08	0.00E+00	4.47E-10	4.07E-09	2.77E-06	7.55E-05	0.00E+00	2.14E-09	0.00E+00	9.52E-11	4.04E-06	0.00E+00	0.00E+00	7.55E-05
59	ALL	588352.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	7.87E-10	2.06E-08	0.00E+00	4.44E-10	4.05E-09	2.76E-06	7.51E-05	0.00E+00	2.13E-09	0.00E+00	9.48E-11	4.02E-06	0.00E+00	0.00E+00	7.51E-05
319	ALL	588352.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-10	2.04E-08	0.00E+00	4.40E-10	4.01E-09	2.73E-06	7.43E-05	0.00E+00	2.11E-09	0.00E+00	9.38E-11	3.98E-06	0.00E+00	0.00E+00	7.43E-05
369	ALL	587812.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	7.78E-10	2.04E-08	0.00E+00	4.39E-10	4.00E-09	2.73E-06	7.43E-05	0.00E+00	2.11E-09	0.00E+00	9.37E-11	3.97E-06	0.00E+00	0.00E+00	7.43E-05
685	ALL	588052.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	7.74E-10	2.03E-08	0.00E+00	4.37E-10	3.98E-09	2.71E-06	7.39E-05	0.00E+00	2.09E-09	0.00E+00	9.32E-11	3.95E-06	0.00E+00	0.00E+00	7.39E-05
84	ALL	588292.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	7.72E-10	2.02E-08	0.00E+00	4.36E-10	3.98E-09	2.71E-06	7.38E-05	0.00E+00	2.09E-09	0.00E+00	9.30E-11	3.95E-06	0.00E+00	0.00E+00	7.38E-05
387	ALL	588292.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	7.67E-10	2.01E-08	0.00E+00	4.33E-10	3.95E-09	2.69E-06	7.32E-05	0.00E+00	2.08E-09	0.00E+00	9.24E-11	3.92E-06	0.00E+00	0.00E+00	7.32E-05
340	ALL	588332.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	7.65E-10	2.00E-08	0.00E+00	4.32E-10	3.94E-09	2.68E-06	7.31E-05	0.00E+00	2.07E-09	0.00E+00	9.22E-11	3.91E-06	0.00E+00	0.00E+00	7.31E-05
363	ALL	588312.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	7.63E-10	2.00E-08	0.00E+00	4.31E-10	3.93E-09	2.68E-06	7.29E-05	0.00E+00	2.07E-09	0.00E+00	9.19E-11	3.90E-06	0.00E+00	0.00E+00	7.29E-05
278	ALL	588032.5	4126535	NonCancerChronicDerived_InhSoilDermMMilk	7.63E-10	2.00E-08	0.00E+00	4.31E-10	3.93E-09	2.68E-06	7.29E-05	0.00E+00	2.07E-09	0.00E+00	9.19E-11	3.90E-06	0.00E+00	0.00E+00	7.29E-05
58	ALL	588332.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-10	1.99E-08	0.00E+00	4.29E-10	3.91E-09	2.66E-06	7.25E-05	0.00E+00	2.05E-09	0.00E+00	9.14E-11	3.88E-06	0.00E+00	0.00E+00	7.25E-05
417	ALL	588272.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	7.59E-10	1.99E-08	0.00E+00	4.29E-10	3.91E-09	2.66E-06	7.25E-05	0.00E+00	2.05E-09	0.00E+00	9.14E-11	3.88E-06	0.00E+00	0.00E+00	7.25E-05
346	ALL	587832.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	7.55E-10	1.98E-08	0.00E+00	4.27E-10	3.89E-09	2.65E-06	7.21E-05	0.00E+00	2.04E-09	0.00E+00	9.10E-11	3.86E-06	0.00E+00	0.00E+00	7.21E-05
656	ALL	588092.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-10	1.97E-08	0.00E+00	4.24E-10	3.86E-09	2.63E-06	7.17E-05	0.00E+00	2.03E-09	0.00E+00	9.04E-11	3.84E-06	0.00E+00	0.00E+00	7.17E-05
31	ALL	588412.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-10	1.94E-08	0.00E+00	4.18E-10	3.81E-09	2.59E-06	7.06E-05	0.00E+00	2.00E-09	0.00E+00	8.91E-11	3.78E-06	0.00E+00	0.00E+00	7.06E-05
447	ALL	588252.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	7.39E-10	1.94E-08	0.00E+00	4.17E-10	3.80E-09	2.59E-06	7.06E-05	0.00E+00	2.00E-09	0.00E+00	8.90E-11	3.78E-06	0.00E+00	0.00E+00	7.06E-05
30	ALL	588392.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	7.33E-10	1.92E-08	0.00E+00	4.14E-10	3.77E-09	2.57E-06	7.00E-05	0.00E+00	1.98E-09	0.00E+00	8.83E-11	3.75E-06	0.00E+00	0.00E+00	7.00E-05
109	ALL	588252.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	7.32E-10	1.92E-08	0.00E+00	4.13E-10	3.77E-09	2.57E-06

321	ALL	588392.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	6.33E-10	1.66E-08	0.00E+00	3.57E-10	3.26E-09	2.22E-06	6.04E-05	0.00E+00	1.71E-09	0.00E+00	7.62E-11	3.23E-06	0.00E+00	0.00E+00	6.04E-05
419	ALL	588312.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-10	1.64E-08	0.00E+00	3.53E-10	3.21E-09	2.19E-06	5.96E-05	0.00E+00	1.69E-09	0.00E+00	7.52E-11	3.19E-06	0.00E+00	0.00E+00	5.96E-05
82	ALL	588252.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-10	1.63E-08	0.00E+00	3.52E-10	3.21E-09	2.19E-06	5.96E-05	0.00E+00	1.69E-09	0.00E+00	7.51E-11	3.19E-06	0.00E+00	0.00E+00	5.96E-05
628	ALL	588152.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	6.24E-10	1.63E-08	0.00E+00	3.52E-10	3.21E-09	2.19E-06	5.96E-05	0.00E+00	1.69E-09	0.00E+00	7.51E-11	3.19E-06	0.00E+00	0.00E+00	5.96E-05
26	ALL	588312.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-10	1.63E-08	0.00E+00	3.52E-10	3.21E-09	2.18E-06	5.95E-05	0.00E+00	1.69E-09	0.00E+00	7.50E-11	3.18E-06	0.00E+00	0.00E+00	5.95E-05
658	ALL	588132.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-10	1.63E-08	0.00E+00	3.52E-10	3.21E-09	2.18E-06	5.95E-05	0.00E+00	1.69E-09	0.00E+00	7.50E-11	3.18E-06	0.00E+00	0.00E+00	5.95E-05
538	ALL	588212.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	6.23E-10	1.63E-08	0.00E+00	3.52E-10	3.20E-09	2.18E-06	5.95E-05	0.00E+00	1.69E-09	0.00E+00	7.50E-11	3.18E-06	0.00E+00	0.00E+00	5.95E-05
285	ALL	587932.5	4126555	NonCancerChronicDerived_InhSoilDermMMilk	6.22E-10	1.63E-08	0.00E+00	3.51E-10	3.20E-09	2.18E-06	5.94E-05	0.00E+00	1.68E-09	0.00E+00	7.49E-11	3.18E-06	0.00E+00	0.00E+00	5.94E-05
295	ALL	587892.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	6.21E-10	1.63E-08	0.00E+00	3.51E-10	3.20E-09	2.18E-06	5.93E-05	0.00E+00	1.68E-09	0.00E+00	7.48E-11	3.17E-06	0.00E+00	0.00E+00	5.93E-05
389	ALL	588332.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	6.20E-10	1.62E-08	0.00E+00	3.50E-10	3.19E-09	2.17E-06	5.92E-05	0.00E+00	1.68E-09	0.00E+00	7.46E-11	3.17E-06	0.00E+00	0.00E+00	5.92E-05
598	ALL	588172.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-10	1.62E-08	0.00E+00	3.50E-10	3.19E-09	2.17E-06	5.91E-05	0.00E+00	1.68E-09	0.00E+00	7.46E-11	3.16E-06	0.00E+00	0.00E+00	5.91E-05
449	ALL	588292.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	6.19E-10	1.62E-08	0.00E+00	3.50E-10	3.19E-09	2.17E-06	5.91E-05	0.00E+00	1.68E-09	0.00E+00	7.45E-11	3.16E-06	0.00E+00	0.00E+00	5.91E-05
568	ALL	588192.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	6.18E-10	1.62E-08	0.00E+00	3.49E-10	3.18E-09	2.17E-06	5.91E-05	0.00E+00	1.67E-09	0.00E+00	7.45E-11	3.16E-06	0.00E+00	0.00E+00	5.91E-05
342	ALL	588372.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	6.17E-10	1.62E-08	0.00E+00	3.48E-10	3.17E-09	2.16E-06	5.89E-05	0.00E+00	1.67E-09	0.00E+00	7.43E-11	3.15E-06	0.00E+00	0.00E+00	5.89E-05
55	ALL	588272.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	6.09E-10	1.59E-08	0.00E+00	3.44E-10	3.13E-09	2.13E-06	5.81E-05	0.00E+00	1.65E-09	0.00E+00	7.33E-11	3.11E-06	0.00E+00	0.00E+00	5.81E-05
479	ALL	588272.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	6.05E-10	1.59E-08	0.00E+00	3.42E-10	3.12E-09	2.12E-06	5.78E-05	0.00E+00	1.64E-09	0.00E+00	7.29E-11	3.09E-06	0.00E+00	0.00E+00	5.78E-05
306	ALL	587852.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-10	1.58E-08	0.00E+00	3.41E-10	3.11E-09	2.12E-06	5.77E-05	0.00E+00	1.64E-09	0.00E+00	7.28E-11	3.09E-06	0.00E+00	0.00E+00	5.77E-05
688	ALL	588112.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	6.04E-10	1.58E-08	0.00E+00	3.41E-10	3.11E-09	2.12E-06	5.77E-05	0.00E+00	1.64E-09	0.00E+00	7.28E-11	3.09E-06	0.00E+00	0.00E+00	5.77E-05
365	ALL	588352.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	6.02E-10	1.58E-08	0.00E+00	3.40E-10	3.10E-09	2.11E-06	5.75E-05	0.00E+00	1.63E-09	0.00E+00	7.25E-11	3.08E-06	0.00E+00	0.00E+00	5.75E-05
275	ALL	587972.5	4126535	NonCancerChronicDerived_InhSoilDermMMilk	5.99E-10	1.57E-08	0.00E+00	3.38E-10	3.08E-09	2.10E-06	5.72E-05	0.00E+00	1.62E-09	0.00E+00	7.22E-11	3.06E-06	0.00E+00	0.00E+00	5.72E-05
509	ALL	588252.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	5.79E-10	1.52E-08	0.00E+00	3.27E-10	2.98E-09	2.03E-06	5.53E-05	0.00E+00	1.57E-09	0.00E+00	6.97E-11	2.96E-06	0.00E+00	0.00E+00	5.53E-05
25	ALL	588292.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	5.72E-10	1.50E-08	0.00E+00	3.23E-10	2.94E-09	2.01E-06	5.46E-05	0.00E+00	1.55E-09	0.00E+00	6.89E-11	2.92E-06	0.00E+00	0.00E+00	5.46E-05
322	ALL	588412.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	5.69E-10	1.49E-08	0.00E+00	3.22E-10	2.93E-09	2.00E-06	5.44E-05	0.00E+00	1.54E-09	0.00E+00	6.86E-11	2.91E-06	0.00E+00	0.00E+00	5.44E-05
539	ALL	588232.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	5.64E-10	1.48E-08	0.00E+00	3.19E-10	2.90E-09	1.98E-06	5.39E-05	0.00E+00	1.53E-09	0.00E+00	6.80E-11	2.88E-06	0.00E+00	0.00E+00	5.39E-05
323	ALL	587812.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	5.63E-10	1.48E-08	0.00E+00	3.18E-10	2.90E-09	1.98E-06	5.38E-05	0.00E+00	1.52E-09	0.00E+00	6.79E-11	2.88E-06	0.00E+00	0.00E+00	5.38E-05
450	ALL	588312.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-10	1.47E-08	0.00E+00	3.18E-10	2.89E-09	1.97E-06	5.37E-05	0.00E+00	1.52E-09	0.00E+00	6.77E-11	2.87E-06	0.00E+00	0.00E+00	5.37E-05
284	ALL	587912.5	4126555	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-10	1.47E-08	0.00E+00	3.18E-10	2.89E-09	1.97E-06	5.37E-05	0.00E+00	1.52E-09	0.00E+00	6.77E-11	2.87E-06	0.00E+00	0.00E+00	5.37E-05
420	ALL	588332.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	5.62E-10	1.47E-08	0.00E+00	3.17E-10	2.89E-09	1.97E-06	5.36E-05	0.00E+00	1.52E-09	0.00E+00	6.77E-11	2.87E-06	0.00E+00	0.00E+00	5.36E-05
659	ALL	588152.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	5.58E-10	1.46E-08	0.00E+00	3.15E-10	2.87E-09	1.96E-06	5.33E-05	0.00E+00	1.51E-09	0.00E+00	6.72E-11	2.85E-06	0.00E+00	0.00E+00	5.33E-05
480	ALL	588292.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	5.55E-10	1.45E-08	0.00E+00	3.14E-10	2.86E-09	1.95E-06	5.30E-05	0.00E+00	1.50E-09	0.00E+00	6.69E-11	2.84E-06	0.00E+00	0.00E+00	5.30E-05
343	ALL	588392.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	5.54E-10	1.45E-08	0.00E+00	3.13E-10	2.85E-09	1.94E-06	5.29E-05	0.00E+00	1.50E-09	0.00E+00	6.67E-11	2.83E-06	0.00E+00	0.00E+00	5.29E-05
569	ALL	588212.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-10	1.45E-08	0.00E+00	3.13E-10	2.85E-09	1.94E-06	5.28E-05	0.00E+00	1.50E-09	0.00E+00	6.67E-11	2.83E-06	0.00E+00	0.00E+00	5.28E-05
390	ALL	588352.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	5.53E-10	1.45E-08	0.00E+00	3.12E-10	2.85E-09	1.94E-06	5.28E-05	0.00E+00	1.50E-09	0.00E+00	6.66E-11	2.83E-06	0.00E+00	0.00E+00	5.28E-05
629	ALL	588172.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	5.52E-10	1.45E-08	0.00E+00	3.12E-10	2.84E-09	1.94E-06	5.28E-05	0.00E+00	1.50E-09	0.00E+00	6.66E-11	2.82E-06	0.00E+00	0.00E+00	5.28E-05
599	ALL	588192.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	5.49E-10	1.44E-08	0.00E+00	3.10E-10	2.82E-09	1.92E-06	5.24E-05	0.00E+00	1.49E-09	0.00E+00	6.61E-11	2.80E-06	0.00E+00	0.00E+00	5.24E-05
294	ALL	587872.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	5.48E-10	1.44E-08	0.00E+00	3.10E-10	2.82E-09	1.92E-06	5.23E-05	0.00E+00	1.48E-09	0.00E+00	6.60E-11	2.80E-06	0.00E+00	0.00E+00	5.23E-05
274	ALL	587952.5	4126535	NonCancerChronicDerived_InhSoilDermMMilk	5.47E-10	1.43E-08	0.00E+00	3.09E-10	2.82E-09	1.92E-06	5.23E-05	0.00E+00	1.48E-09	0.00E+00	6.59E-11	2.80E-06	0.00E+00	0.00E+00	5.23E-05
366	ALL	588372.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-10	1.42E-08	0.00E+00	3.07E-10	2.80E-09	1.90E-06	5.19E-05	0.00E+00	1.47E-09	0.00E+00	6.54E-11	2.78E-06	0.00E+00	0.00E+00	5.19E-05
689	ALL	588132.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	5.43E-10	1.42E-08	0.00E+00	3.07E-10	2.80E-09	1.90E-06	5.19E-05	0.00E+00	1.47E-09	0.00E+00	6.54E-11	2.78E-06	0.00E+00	0.00E+00	5.19E-05
510	ALL	588272.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	5.38E-10	1.41E-08	0.00E+00	3.04E-10	2.77E-09	1.89E-06	5.14E-05	0.00E+00	1.46E-09	0.00E+00	6.48E-11	2.75E-06	0.00E+00	0.00E+00	5.14E-05
81	ALL	588232.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	5.37E-10	1.41E-08	0.00E+00	3.03E-10	2.76E-09	1.88E-06	5.13E-05	0.00E+00	1.45E-09	0.00E+00	6.47E-11	2.74E-06	0.00E+00	0.00E+00	5.13E-05
54	ALL	588252.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	5.32E-10	1.40E-08	0.00E+00	3.01E-10	2.74E-09	1.87E-06	5.09E-05	0.00E+00	1.44E-09	0.00E+00	6.41E-11	2.72E-06	0.00E+00	0.00E+00	5.09E-05
305	ALL	587832.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	5.26E-10	1.38E-08	0.00E+00	2.97E-10	2.71E-09	1.85E-06	5.02E-05	0.00E+00	1.42E-09	0.00E+00	6.34E-11	2.69E-06	0.00E+00	0.00E+00	5.02E-05
24	ALL	588272.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	5.18E-10	1.36E-08	0.00E+00	2.93E-10	2.67E-09	1.82E-06	4.95E-05	0.00E+00	1.40E-09	0.00E+00	6.24E-11	2.65E-06	0.00E+00	0.00E+00	4.95E-05
540	ALL	588252.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	5.17E-10	1.35E-08	0.00E+00	2.92E-10	2.66E-09	1.81E-06	4.94E-05	0.00E+00	1.40E-09	0.00E+00	6.23E-11	2.64E-06	0.00E+00	0.00E+00	4.94E-05
421	ALL	588352.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-10	1.34E-08	0.00E+00	2.89E-10	2.64E-09	1.80E-06	4.89E-05	0.00E+00	1.39E-09	0.00E+00	6.17E-11	2.62E-06	0.00E+00	0.00E+00	4.89E-05
451	ALL	588332.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	5.12E-10	1.34E-08	0.00E+00	2.89E-10	2.64E-09	1.80E-06	4.89E-05	0.00E+00	1.39E-09	0.00E+00	6.17E-11	2.62E-06	0.00E+00	0.00E+00	4.89E-05
481	ALL	588312.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	5.09E-10	1.33E-08	0.00E+00	2.87E-10	2.62E-09	1.78E-06	4.86E-05	0.00E+00	1.38E-09	0.00E+00	6.13E-11	2.60E-06	0.00E+00	0.00E+00	4.86E-05
391	ALL	588372.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	5.06E-10	1.33E-08	0.00E+00	2.86E-10	2.60E-09	1.77E-06	4.83E-05	0.00E+00	1.37E-09	0.00E+00	6.10E-11	2.59E-06	0.00E+00	0.00E+00	4.83E-05
570	ALL	588232.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	5.04E-10	1.32E-08	0.00E+00	2.85E-10	2.59E-09	1.77E-06	4.81E-05	0.00E+00	1.36E-09	0.00E+00	6.07E-11	2.58E-06	0.00E+00	0.00E+00	4.81E-05
690	ALL	588152.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	5.02E-10	1.32E-08	0.00E+00	2.84E-10	2.59E-09	1.76E-06	4.80E-05	0.00E+00	1.36E-09	0.00E+00	6.05E-11	2.57E-06	0.00E+00	0.00E+00	4.80E-05
344	ALL	588412.5	4126615	NonCancerChronicDerived_InhSoilDermMMilk	5.01E-10	1.31E-08	0.00E+00	2.83E-10	2.58E-09	1.76E-06	4.79E-05	0.00E+00	1.36E-09	0.00E+00	6.04E-11	2.56E-06	0.00E+00	0.00E+00	4.79E-05
511	ALL	588292.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	4.99E-10	1.31E-08	0.00E+00	2.82E-10	2.57E-09	1.75E-06	4.77E-05	0.00E+00	1.35E-09	0.00E+00	6.01E-11	2.55E-06	0.00E+00	0.00E+00	4.77E-05
660	ALL	588172.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	4.99E-10	1.31E-08	0.00E+00	2.82E-10	2.57E-09	1.75E-06	4.76E-05	0.00E+00	1.35E-09	0.00E+00	6.01E-11	2.55E-06	0.00E+00	0.00E+00	4.76E-05
367	ALL	588392.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	4.98E-10	1.31E-08	0.00E+00	2.81E-10	2.56E-09	1.75E-06	4.76E-05	0.00E+00	1.35E-09	0.00E+00	6.00E-11	2.54E-06	0.00E+00	0.00E+00	4.76E-05
283	ALL	587892.5	4126555	NonCancerChronicDerived_InhSoilDermMMilk	4.97E-10	1.30E-08	0.00E+00	2.81E-10	2.56E-09	1.74E-06	4.75E-05	0.00E+00	1.35E-09	0.00E+00	5.99E-11	2.54E-06	0.00E+00	0.00E+00	4.75E-05
630	ALL	588192.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	4.96E-10	1.30E-08	0.00E+00	2.80E-10	2.55E-09	1.74E-06	4.74E-05	0.00E+00	1.34E-09	0.00E+00	5.98E-11	2.54E-06	0.00E+00	0.00E+00	4.74E-05
293	ALL	587852.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	4.95E-10	1.30E-08	0.00E+00	2.80E-10	2.55E-09	1.74E-06	4.73E-05	0.00E+00	1.34E-09	0.00E+00	5.97E-11	2.53E-06	0.00E+00	0.00E+00	4.73E-05
600	ALL	588212.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	4.94E-10	1.29E-08	0.00E+00	2.79E-10	2.54E-09	1.73E-06	4.72E-05	0.00E+00	1.34E-09	0.00E+00	5.95E-11	2.53E-06	0.00E+00	0.00E+00	4.72E-05
273	ALL	587932.5	4126535	NonCancerChronicDerived_InhSoilDermMMilk	4.87E-10	1.28E-08	0.00E+00	2.75E-10	2.51E-09	1.71E-06	4.65E-05	0.00E+00	1.32E-09	0.00E+00	5.86E-11	2.49E-06	0.00E+00	0.00E+00	4.65E-05
541	ALL	588272.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	4.79E-10	1.26E-08	0.00E+00	2.71E-10	2.47E-09	1.68E-06	4.58E-05	0.00E+00	1.30E-09	0.00E+00	5.78E-11	2.45E-06	0.00E+00	0.00E+00	4.58E-05
452	ALL	588352.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	4.72E-10	1.24E-08	0.00E+00	2.66E-10	2.43E-09	1.65E-06	4.50E-05	0.00E+00	1.28E-09	0.00E+00	5.68E-11	2.41E-06	0.00E+00	0.00E+00	4.50E-05
482	ALL	588332.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	4.70E-10	1.23E-08	0.00E+00	2.65E-10	2.42E-09	1.65E-06	4.49E-05	0.00E+00	1.27E-09	0.00E+00	5.66E-11	2.40E-06	0.00E+00	0.00E+00	4.49E-05
304	ALL	587812.5	4126595	NonCancerChronicDerived_InhSoilDermMMilk	4.69E-10	1.23E-08	0.00E+00	2.65E-10	2.41E-09	1.64E-06	4.48E-05	0.00E+00	1.27E-09	0.00E+00	5.65E-11	2.40E-06	0.00E+00	0.00E+00	4.48E-05
422	ALL	588372.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	4.68E-10	1.23E-08	0.00E+00	2.64E-10	2.41E-09	1.64E-06	4.47E-05	0.00E+00	1.27E-09	0.00E+00	5.64E-11	2.39E-06	0.00E+00	0.00E+00	4.47E-05
392	ALL	588392.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	4.65E-10	1.22E-08	0.00E+00	2.62E-10	2.39E-09	1.63E-06	4.44E-05	0.00E+00	1.26E-09	0.00E+00	5.60E-11	2.37E-06	0.00E+00	0.00E+00	4.44E-05
23	ALL	588252.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	4.64E-10	1.22E-08	0.00E+00	2.62E-10	2.39E-09	1.63E-06	4.43E-05	0.00E+00	1.26E-09	0.00E+00	5.59E-11	2.37E-06	0.00E+00	0.00E+00	4.43E-05
512	ALL	588312.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	4.62E-10	1.21E-08	0.00E+00	2.61E-10	2.38E-09	1.62E-06	4.41E-05	0.00E+00	1.25E-09	0.00E+00	5.57E-11	2.36E-06	0.00E+00	0.00E+00	4.41E-05
571	ALL	588252.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	4.60E-10	1.21E-08	0.00E+00	2.60E-10	2.37E-09	1.61E-06	4.40E-05	0.00E+00	1.25E-09	0.00E+00	5.54E-11	2.35E-06	0.00E+00	0.00E+00	4.40E-05
368	ALL	588412.5	4126635	NonCancerChronicDerived_InhSoilDermMMilk	4.59E-10	1.20E-08	0.00E+00	2.59E-10	2.36E-09	1.61E-06	4.38E-05	0.00E+00	1.24E-09	0.00E+00	5.53E-11	2.35E-06	0.00E+00	0.00E+00	4.38E-05
53	ALL	588232.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	4.58E-10	1.20E-08	0.00E+00	2.59E-10	2.36E-09	1.61E-06	4.38E-05	0.00E+00	1.24E-09	0.00E+00	5.52E-11	2.34E-06	0.00E+00	0.00E+00	4.38E-05
691	ALL	588172.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	4.54E-10	1.19E-08	0.00E+00	2.57E-10	2.34E-09	1.59E-06	4.34E-05	0.00E+00	1.23E-09	0.00E+00	5.47E-11	2.32E-06	0.00E+00	0.00E+00	4.34E-05
601	ALL	588232.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	4.52E-10	1.18E-08	0.00E+00	2.55E-10	2.32E-09	1.58E-06	4.31E-05	0.00E+00	1.22E-09	0.00E+00	5.44E-11	2.31E-06	0.00E+00	0.00E+00	4.31E-05
631	ALL	588212.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	4.51E-10	1.18E-08	0.00E+00	2.55E-10	2.32E-09	1.58E-06	4.30E-05	0.00E+00	1.22E-09	0.00E+00	5.43E-11	2.30E-06	0.00E+00	0.00E+00	4.30E-05
661	ALL	588192.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	4.50E-10	1.18E-08	0.00E+00	2.54E-10	2.31E-09	1.58E-06	4.29E-05	0.00E+00	1.22E-09	0.00E+00	5.42E-11	2.30E-06	0.00E+00	0.00E+00	4.29E-05
282	ALL	587872.5	4126555	NonCancerChronicDerived_InhSoilDermMMilk	4.48E-10	1.17E-08	0.00E+00	2.53E-10	2.30E-09	1.57E-06	4.27E-05	0.00E+00	1.21E-09	0.00E+00	5.39E-11	2.29E-06	0.00E+00	0.00E+00	4.27E-05
266	ALL	587972.5	4126515	NonCancerChronicDerived_InhSoilDermMMilk	4.45E-10	1.17E-08	0.00E+00	2.51E-10	2.29E-09	1.56E-06	4.25E-05	0.00E+00	1.20E-09	0.00E+00	5.36E-11	2.27E-06	0.00E+00	0.00E+00	4.25E-05
542	ALL	588292.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	4.43E-10	1.16E-08	0.00E+00	2.50E-10	2.28E-09	1.56E-06	4.23E-05	0.00E+00	1.20E-09	0.00E+00	5.34E-11	2.27E-06	0.00E+00	0.00E+00	4.23E-05
272	ALL	587912.5	4126535	NonCancerChronicDerived_InhSoilDermMMilk	4.42E-10	1.16E-08	0.00E+00	2.50E-10	2.28E-09	1.55E-06	4.22E-05	0.00E+00	1.20E-09	0.00E+00	5.33E-11	2.26E-06	0.00E+00	0.00E+00	4.22E-05
292	ALL	587832.5	4126575	NonCancerChronicDerived_InhSoilDermMMilk	4.39E-10	1.15E-08	0.00E+00	2.48E-10	2.26E-09	1.54E-06	4.19E-05	0.00E+00	1.19E-09	0.00E+00	5.28E-11	2.24E-06	0.00E+00	0.00E+00	4.19E-05
483	ALL	588352.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	4.32E-10	1.13E-08	0.00E+00	2.44E-10	2.23E-09	1.52E-06	4.13E-05	0.00E+00	1.17E-09	0.00E+00	5.21E-11	2.21E-06	0.00E+00	0.00E+00	4.13E-05
453	ALL	588372.5	4126695	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-10	1.13E-08	0.00E+00	2.43E-10	2.22E-09	1.51E-06	4.11E-05	0.00E+00	1.17E-09	0.00E+00	5.19E-11	2.20E-06	0.00E+00	0.00E+00	4.11E-05
423	ALL	588392.5	4126675	NonCancerChronicDerived_InhSoilDermMMilk	4.30E-10	1.13E-08	0.00E+00	2.43E-10	2.21E-09	1.51E-06	4.10E-05	0.00E+00	1.16E-09	0.00E+00	5.17E-11	2.20E-06	0.00E+00	0.00E+00	4.10E-05
572	ALL	588272.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	4.28E-10	1.12E-08	0.00E+00	2.42E-10	2.21E-09	1.50E-06	4.09E-05	0.00E+00	1.16E-09	0.00E+00	5.16E-11	2.19E-06	0.00E+00	0.00E+00	4.09E-05
393	ALL	588412.5	4126655	NonCancerChronicDerived_InhSoilDermMMilk	4.27E-10	1.12E-08	0.00E+00	2.41E-10	2.20E-09	1.50E-06	4.08E-05	0.00E+00	1.16E-09	0.00E+00	5.14E-11	2.18E-06	0.00E+00	0.00E+00	4.08E-05
513	ALL	588332.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	4.26E-10	1.12E-08	0.00E+00	2.41E-10	2.20E-09	1.50E-06	4.07E-05	0.00E+00	1.15E-09	0.00E+00	5.14E-11	2.18E-06	0.00E+00	0.00E+00	4.07E-05
265	ALL	587952.5	4126515	NonCancerChronicDerived_InhSoilDermMMilk	4.25E-10	1.11E-08	0.00E+00	2.40E-10	2.19E-09	1.49E-06	4.06E-05	0.00E+00	1.15E-09	0.00E+00	5.12E-11	2.17E-06	0.00E+00	0.00E+00	4.06E-05
602	ALL	588252.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	4.19E-10	1.10E-08	0.00E+00	2.36E-10	2.15E-09	1.47E-06

605	ALL	588312.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	3.44E-10	9.01E-09	0.00E+00	1.94E-10	1.77E-09	1.21E-06	3.28E-05	0.00E+00	9.31E-10	0.00E+00	4.14E-11	1.76E-06	0.00E+00	0.00E+00	3.28E-05
516	ALL	588392.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	3.43E-10	8.98E-09	0.00E+00	1.94E-10	1.76E-09	1.20E-06	3.27E-05	0.00E+00	9.28E-10	0.00E+00	4.13E-11	1.75E-06	0.00E+00	0.00E+00	3.27E-05
257	ALL	587972.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-10	8.97E-09	0.00E+00	1.93E-10	1.76E-09	1.20E-06	3.27E-05	0.00E+00	9.27E-10	0.00E+00	4.13E-11	1.75E-06	0.00E+00	0.00E+00	3.27E-05
546	ALL	588372.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	3.42E-10	8.95E-09	0.00E+00	1.93E-10	1.76E-09	1.20E-06	3.26E-05	0.00E+00	9.25E-10	0.00E+00	4.12E-11	1.75E-06	0.00E+00	0.00E+00	3.26E-05
486	ALL	588412.5	4126715	NonCancerChronicDerived_InhSoilDermMMilk	3.41E-10	8.93E-09	0.00E+00	1.93E-10	1.75E-09	1.20E-06	3.26E-05	0.00E+00	9.23E-10	0.00E+00	4.11E-11	1.74E-06	0.00E+00	0.00E+00	3.26E-05
269	ALL	587852.5	4126535	NonCancerChronicDerived_InhSoilDermMMilk	3.38E-10	8.85E-09	0.00E+00	1.91E-10	1.74E-09	1.18E-06	3.23E-05	0.00E+00	9.14E-10	0.00E+00	4.07E-11	1.73E-06	0.00E+00	0.00E+00	3.23E-05
576	ALL	588352.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	3.35E-10	8.78E-09	0.00E+00	1.89E-10	1.72E-09	1.17E-06	3.20E-05	0.00E+00	9.07E-10	0.00E+00	4.04E-11	1.71E-06	0.00E+00	0.00E+00	3.20E-05
21	ALL	588212.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	3.34E-10	8.77E-09	0.00E+00	1.89E-10	1.72E-09	1.17E-06	3.19E-05	0.00E+00	9.06E-10	0.00E+00	4.03E-11	1.71E-06	0.00E+00	0.00E+00	3.19E-05
635	ALL	588292.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	3.33E-10	8.72E-09	0.00E+00	1.88E-10	1.71E-09	1.17E-06	3.18E-05	0.00E+00	9.01E-10	0.00E+00	4.01E-11	1.70E-06	0.00E+00	0.00E+00	3.18E-05
279	ALL	587812.5	4126555	NonCancerChronicDerived_InhSoilDermMMilk	3.32E-10	8.71E-09	0.00E+00	1.88E-10	1.71E-09	1.17E-06	3.18E-05	0.00E+00	9.00E-10	0.00E+00	4.00E-11	1.70E-06	0.00E+00	0.00E+00	3.18E-05
51	ALL	588192.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	3.28E-10	8.59E-09	0.00E+00	1.85E-10	1.69E-09	1.15E-06	3.13E-05	0.00E+00	8.88E-10	0.00E+00	3.95E-11	1.68E-06	0.00E+00	0.00E+00	3.13E-05
262	ALL	587892.5	4126515	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-10	8.58E-09	0.00E+00	1.85E-10	1.69E-09	1.15E-06	3.13E-05	0.00E+00	8.86E-10	0.00E+00	3.94E-11	1.67E-06	0.00E+00	0.00E+00	3.13E-05
256	ALL	587952.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	3.27E-10	8.57E-09	0.00E+00	1.85E-10	1.68E-09	1.15E-06	3.12E-05	0.00E+00	8.85E-10	0.00E+00	3.94E-11	1.67E-06	0.00E+00	0.00E+00	3.12E-05
606	ALL	588332.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	3.25E-10	8.51E-09	0.00E+00	1.83E-10	1.67E-09	1.14E-06	3.10E-05	0.00E+00	8.79E-10	0.00E+00	3.91E-11	1.66E-06	0.00E+00	0.00E+00	3.10E-05
665	ALL	588272.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	3.23E-10	8.46E-09	0.00E+00	1.82E-10	1.66E-09	1.13E-06	3.08E-05	0.00E+00	8.74E-10	0.00E+00	3.89E-11	1.65E-06	0.00E+00	0.00E+00	3.08E-05
547	ALL	588392.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	3.21E-10	8.41E-09	0.00E+00	1.81E-10	1.65E-09	1.12E-06	3.06E-05	0.00E+00	8.68E-10	0.00E+00	3.86E-11	1.64E-06	0.00E+00	0.00E+00	3.06E-05
517	ALL	588412.5	4126735	NonCancerChronicDerived_InhSoilDermMMilk	3.20E-10	8.39E-09	0.00E+00	1.81E-10	1.65E-09	1.12E-06	3.06E-05	0.00E+00	8.67E-10	0.00E+00	3.86E-11	1.64E-06	0.00E+00	0.00E+00	3.06E-05
695	ALL	588252.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	3.17E-10	8.31E-09	0.00E+00	1.79E-10	1.63E-09	1.11E-06	3.03E-05	0.00E+00	8.58E-10	0.00E+00	3.82E-11	1.62E-06	0.00E+00	0.00E+00	3.03E-05
636	ALL	588312.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-10	8.24E-09	0.00E+00	1.78E-10	1.62E-09	1.10E-06	3.00E-05	0.00E+00	8.51E-10	0.00E+00	3.79E-11	1.61E-06	0.00E+00	0.00E+00	3.00E-05
577	ALL	588372.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-10	8.22E-09	0.00E+00	1.77E-10	1.61E-09	1.10E-06	3.00E-05	0.00E+00	8.49E-10	0.00E+00	3.78E-11	1.60E-06	0.00E+00	0.00E+00	3.00E-05
255	ALL	587932.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	3.14E-10	8.22E-09	0.00E+00	1.77E-10	1.61E-09	1.10E-06	2.99E-05	0.00E+00	8.49E-10	0.00E+00	3.78E-11	1.60E-06	0.00E+00	0.00E+00	2.99E-05
268	ALL	587832.5	4126535	NonCancerChronicDerived_InhSoilDermMMilk	3.09E-10	8.11E-09	0.00E+00	1.75E-10	1.59E-09	1.09E-06	2.96E-05	0.00E+00	8.38E-10	0.00E+00	3.73E-11	1.58E-06	0.00E+00	0.00E+00	2.96E-05
607	ALL	588352.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	3.07E-10	8.04E-09	0.00E+00	1.73E-10	1.58E-09	1.08E-06	2.93E-05	0.00E+00	8.31E-10	0.00E+00	3.70E-11	1.57E-06	0.00E+00	0.00E+00	2.93E-05
261	ALL	587872.5	4126515	NonCancerChronicDerived_InhSoilDermMMilk	3.05E-10	7.99E-09	0.00E+00	1.72E-10	1.57E-09	1.07E-06	2.91E-05	0.00E+00	8.25E-10	0.00E+00	3.67E-11	1.56E-06	0.00E+00	0.00E+00	2.91E-05
666	ALL	588292.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	3.03E-10	7.95E-09	0.00E+00	1.71E-10	1.56E-09	1.06E-06	2.90E-05	0.00E+00	8.21E-10	0.00E+00	3.65E-11	1.55E-06	0.00E+00	0.00E+00	2.90E-05
637	ALL	588332.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-10	7.83E-09	0.00E+00	1.69E-10	1.54E-09	1.05E-06	2.86E-05	0.00E+00	8.09E-10	0.00E+00	3.60E-11	1.53E-06	0.00E+00	0.00E+00	2.86E-05
548	ALL	588412.5	4126755	NonCancerChronicDerived_InhSoilDermMMilk	2.99E-10	7.83E-09	0.00E+00	1.69E-10	1.54E-09	1.05E-06	2.85E-05	0.00E+00	8.09E-10	0.00E+00	3.60E-11	1.53E-06	0.00E+00	0.00E+00	2.85E-05
696	ALL	588272.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	2.96E-10	7.75E-09	0.00E+00	1.67E-10	1.52E-09	1.04E-06	2.83E-05	0.00E+00	8.01E-10	0.00E+00	3.56E-11	1.51E-06	0.00E+00	0.00E+00	2.83E-05
578	ALL	588392.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	2.95E-10	7.73E-09	0.00E+00	1.67E-10	1.52E-09	1.04E-06	2.82E-05	0.00E+00	7.99E-10	0.00E+00	3.56E-11	1.51E-06	0.00E+00	0.00E+00	2.82E-05
608	ALL	588372.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	2.90E-10	7.60E-09	0.00E+00	1.64E-10	1.49E-09	1.02E-06	2.77E-05	0.00E+00	7.85E-10	0.00E+00	3.49E-11	1.48E-06	0.00E+00	0.00E+00	2.77E-05
254	ALL	587912.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	2.89E-10	7.57E-09	0.00E+00	1.63E-10	1.49E-09	1.01E-06	2.76E-05	0.00E+00	7.82E-10	0.00E+00	3.48E-11	1.48E-06	0.00E+00	0.00E+00	2.76E-05
667	ALL	588312.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	2.88E-10	7.54E-09	0.00E+00	1.62E-10	1.48E-09	1.01E-06	2.75E-05	0.00E+00	7.79E-10	0.00E+00	3.46E-11	1.47E-06	0.00E+00	0.00E+00	2.75E-05
267	ALL	587812.5	4126535	NonCancerChronicDerived_InhSoilDermMMilk	2.85E-10	7.46E-09	0.00E+00	1.61E-10	1.47E-09	9.99E-07	2.72E-05	0.00E+00	7.71E-10	0.00E+00	3.43E-11	1.46E-06	0.00E+00	0.00E+00	2.72E-05
20	ALL	588192.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-10	7.41E-09	0.00E+00	1.60E-10	1.46E-09	9.92E-07	2.70E-05	0.00E+00	7.66E-10	0.00E+00	3.41E-11	1.45E-06	0.00E+00	0.00E+00	2.70E-05
638	ALL	588352.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	2.83E-10	7.41E-09	0.00E+00	1.60E-10	1.46E-09	9.92E-07	2.70E-05	0.00E+00	7.66E-10	0.00E+00	3.41E-11	1.45E-06	0.00E+00	0.00E+00	2.70E-05
260	ALL	587852.5	4126515	NonCancerChronicDerived_InhSoilDermMMilk	2.82E-10	7.39E-09	0.00E+00	1.59E-10	1.45E-09	9.90E-07	2.69E-05	0.00E+00	7.64E-10	0.00E+00	3.40E-11	1.44E-06	0.00E+00	0.00E+00	2.69E-05
579	ALL	588412.5	4126775	NonCancerChronicDerived_InhSoilDermMMilk	2.78E-10	7.28E-09	0.00E+00	1.57E-10	1.43E-09	9.74E-07	2.65E-05	0.00E+00	7.52E-10	0.00E+00	3.35E-11	1.42E-06	0.00E+00	0.00E+00	2.65E-05
697	ALL	588292.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	2.77E-10	7.26E-09	0.00E+00	1.56E-10	1.43E-09	9.72E-07	2.65E-05	0.00E+00	7.50E-10	0.00E+00	3.34E-11	1.42E-06	0.00E+00	0.00E+00	2.65E-05
668	ALL	588332.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-10	7.20E-09	0.00E+00	1.55E-10	1.42E-09	9.64E-07	2.63E-05	0.00E+00	7.44E-10	0.00E+00	3.31E-11	1.40E-06	0.00E+00	0.00E+00	2.63E-05
609	ALL	588392.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	2.75E-10	7.20E-09	0.00E+00	1.55E-10	1.41E-09	9.64E-07	2.62E-05	0.00E+00	7.44E-10	0.00E+00	3.31E-11	1.40E-06	0.00E+00	0.00E+00	2.62E-05
247	ALL	587972.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	2.74E-10	7.17E-09	0.00E+00	1.55E-10	1.41E-09	9.60E-07	2.61E-05	0.00E+00	7.41E-10	0.00E+00	3.30E-11	1.40E-06	0.00E+00	0.00E+00	2.61E-05
253	ALL	587892.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-10	7.09E-09	0.00E+00	1.53E-10	1.39E-09	9.49E-07	2.58E-05	0.00E+00	7.32E-10	0.00E+00	3.26E-11	1.38E-06	0.00E+00	0.00E+00	2.58E-05
50	ALL	588172.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	2.70E-10	7.08E-09	0.00E+00	1.53E-10	1.39E-09	9.48E-07	2.58E-05	0.00E+00	7.32E-10	0.00E+00	3.26E-11	1.38E-06	0.00E+00	0.00E+00	2.58E-05
698	ALL	588312.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-10	6.93E-09	0.00E+00	1.49E-10	1.36E-09	9.27E-07	2.52E-05	0.00E+00	7.16E-10	0.00E+00	3.18E-11	1.35E-06	0.00E+00	0.00E+00	2.52E-05
639	ALL	588372.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	2.64E-10	6.92E-09	0.00E+00	1.49E-10	1.36E-09	9.26E-07	2.52E-05	0.00E+00	7.15E-10	0.00E+00	3.18E-11	1.35E-06	0.00E+00	0.00E+00	2.52E-05
259	ALL	587832.5	4126515	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-10	6.87E-09	0.00E+00	1.48E-10	1.35E-09	9.20E-07	2.51E-05	0.00E+00	7.10E-10	0.00E+00	3.16E-11	1.34E-06	0.00E+00	0.00E+00	2.51E-05
669	ALL	588352.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	2.62E-10	6.86E-09	0.00E+00	1.48E-10	1.35E-09	9.18E-07	2.50E-05	0.00E+00	7.09E-10	0.00E+00	3.15E-11	1.34E-06	0.00E+00	0.00E+00	2.50E-05
246	ALL	587952.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	2.59E-10	6.80E-09	0.00E+00	1.47E-10	1.34E-09	9.10E-07	2.48E-05	0.00E+00	7.02E-10	0.00E+00	3.13E-11	1.33E-06	0.00E+00	0.00E+00	2.48E-05
610	ALL	588412.5	4126795	NonCancerChronicDerived_InhSoilDermMMilk	2.57E-10	6.74E-09	0.00E+00	1.45E-10	1.32E-09	9.02E-07	2.46E-05	0.00E+00	6.96E-10	0.00E+00	3.10E-11	1.31E-06	0.00E+00	0.00E+00	2.46E-05
252	ALL	587872.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-10	6.63E-09	0.00E+00	1.43E-10	1.30E-09	8.88E-07	2.42E-05	0.00E+00	6.85E-10	0.00E+00	3.05E-11	1.29E-06	0.00E+00	0.00E+00	2.42E-05
699	ALL	588332.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	2.53E-10	6.62E-09	0.00E+00	1.43E-10	1.30E-09	8.87E-07	2.41E-05	0.00E+00	6.84E-10	0.00E+00	3.05E-11	1.29E-06	0.00E+00	0.00E+00	2.41E-05
640	ALL	588392.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	2.52E-10	6.60E-09	0.00E+00	1.42E-10	1.30E-09	8.83E-07	2.40E-05	0.00E+00	6.82E-10	0.00E+00	3.03E-11	1.29E-06	0.00E+00	0.00E+00	2.40E-05
80	ALL	588152.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	2.51E-10	6.58E-09	0.00E+00	1.42E-10	1.29E-09	8.81E-07	2.40E-05	0.00E+00	6.80E-10	0.00E+00	3.03E-11	1.28E-06	0.00E+00	0.00E+00	2.40E-05
245	ALL	587932.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	2.50E-10	6.54E-09	0.00E+00	1.41E-10	1.28E-09	8.75E-07	2.38E-05	0.00E+00	6.76E-10	0.00E+00	3.01E-11	1.28E-06	0.00E+00	0.00E+00	2.38E-05
670	ALL	588372.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	2.46E-10	6.44E-09	0.00E+00	1.39E-10	1.26E-09	8.62E-07	2.35E-05	0.00E+00	6.65E-10	0.00E+00	2.96E-11	1.26E-06	0.00E+00	0.00E+00	2.35E-05
258	ALL	587812.5	4126515	NonCancerChronicDerived_InhSoilDermMMilk	2.44E-10	6.40E-09	0.00E+00	1.38E-10	1.26E-09	8.56E-07	2.33E-05	0.00E+00	6.61E-10	0.00E+00	2.94E-11	1.25E-06	0.00E+00	0.00E+00	2.33E-05
641	ALL	588412.5	4126815	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-10	6.32E-09	0.00E+00	1.36E-10	1.24E-09	8.45E-07	2.30E-05	0.00E+00	6.53E-10	0.00E+00	2.90E-11	1.23E-06	0.00E+00	0.00E+00	2.30E-05
700	ALL	588352.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	2.41E-10	6.32E-09	0.00E+00	1.36E-10	1.24E-09	8.45E-07	2.30E-05	0.00E+00	6.52E-10	0.00E+00	2.90E-11	1.23E-06	0.00E+00	0.00E+00	2.30E-05
244	ALL	587912.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	2.38E-10	6.24E-09	0.00E+00	1.34E-10	1.23E-09	8.35E-07	2.27E-05	0.00E+00	6.44E-10	0.00E+00	2.87E-11	1.22E-06	0.00E+00	0.00E+00	2.27E-05
251	ALL	587852.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-10	6.22E-09	0.00E+00	1.34E-10	1.22E-09	8.33E-07	2.27E-05	0.00E+00	6.43E-10	0.00E+00	2.86E-11	1.21E-06	0.00E+00	0.00E+00	2.27E-05
671	ALL	588392.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	2.37E-10	6.21E-09	0.00E+00	1.34E-10	1.22E-09	8.31E-07	2.26E-05	0.00E+00	6.41E-10	0.00E+00	2.85E-11	1.21E-06	0.00E+00	0.00E+00	2.26E-05
107	ALL	588132.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	2.36E-10	6.18E-09	0.00E+00	1.33E-10	1.21E-09	8.28E-07	2.25E-05	0.00E+00	6.39E-10	0.00E+00	2.84E-11	1.21E-06	0.00E+00	0.00E+00	2.25E-05
19	ALL	588172.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	2.34E-10	6.14E-09	0.00E+00	1.32E-10	1.21E-09	8.22E-07	2.24E-05	0.00E+00	6.35E-10	0.00E+00	2.82E-11	1.20E-06	0.00E+00	0.00E+00	2.24E-05
701	ALL	588372.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	2.27E-10	5.96E-09	0.00E+00	1.29E-10	1.17E-09	7.98E-07	2.17E-05	0.00E+00	6.16E-10	0.00E+00	2.74E-11	1.16E-06	0.00E+00	0.00E+00	2.17E-05
672	ALL	588412.5	4126835	NonCancerChronicDerived_InhSoilDermMMilk	2.26E-10	5.93E-09	0.00E+00	1.28E-10	1.16E-09	7.93E-07	2.16E-05	0.00E+00	6.12E-10	0.00E+00	2.72E-11	1.16E-06	0.00E+00	0.00E+00	2.16E-05
243	ALL	587892.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-10	5.85E-09	0.00E+00	1.26E-10	1.15E-09	7.83E-07	2.13E-05	0.00E+00	6.05E-10	0.00E+00	2.69E-11	1.14E-06	0.00E+00	0.00E+00	2.13E-05
235	ALL	587972.5	4126455	NonCancerChronicDerived_InhSoilDermMMilk	2.23E-10	5.85E-09	0.00E+00	1.26E-10	1.15E-09	7.83E-07	2.13E-05	0.00E+00	6.05E-10	0.00E+00	2.69E-11	1.14E-06	0.00E+00	0.00E+00	2.13E-05
250	ALL	587832.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	2.22E-10	5.81E-09	0.00E+00	1.25E-10	1.14E-09	7.78E-07	2.12E-05	0.00E+00	6.00E-10	0.00E+00	2.67E-11	1.13E-06	0.00E+00	0.00E+00	2.12E-05
49	ALL	588152.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	2.20E-10	5.77E-09	0.00E+00	1.24E-10	1.13E-09	7.72E-07	2.10E-05	0.00E+00	5.96E-10	0.00E+00	2.65E-11	1.12E-06	0.00E+00	0.00E+00	2.10E-05
702	ALL	588392.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	2.19E-10	5.74E-09	0.00E+00	1.24E-10	1.13E-09	7.69E-07	2.09E-05	0.00E+00	5.93E-10	0.00E+00	2.64E-11	1.12E-06	0.00E+00	0.00E+00	2.09E-05
242	ALL	587872.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	2.13E-10	5.57E-09	0.00E+00	1.20E-10	1.09E-09	7.46E-07	2.03E-05	0.00E+00	5.76E-10	0.00E+00	2.56E-11	1.09E-06	0.00E+00	0.00E+00	2.03E-05
703	ALL	588412.5	4126855	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-10	5.51E-09	0.00E+00	1.19E-10	1.08E-09	7.38E-07	2.01E-05	0.00E+00	5.70E-10	0.00E+00	2.53E-11	1.08E-06	0.00E+00	0.00E+00	2.01E-05
234	ALL	587952.5	4126455	NonCancerChronicDerived_InhSoilDermMMilk	2.10E-10	5.49E-09	0.00E+00	1.18E-10	1.08E-09	7.35E-07	2.00E-05	0.00E+00	5.67E-10	0.00E+00	2.53E-11	1.07E-06	0.00E+00	0.00E+00	2.00E-05
249	ALL	587812.5	4126495	NonCancerChronicDerived_InhSoilDermMMilk	2.08E-10	5.45E-09	0.00E+00	1.17E-10	1.07E-09	7.29E-07	1.99E-05	0.00E+00	5.63E-10	0.00E+00	2.50E-11	1.06E-06	0.00E+00	0.00E+00	1.99E-05
79	ALL	588132.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	2.05E-10	5.37E-09	0.00E+00	1.16E-10	1.05E-09	7.18E-07	1.96E-05	0.00E+00	5.55E-10	0.00E+00	2.47E-11	1.05E-06	0.00E+00	0.00E+00	1.96E-05
233	ALL	587932.5	4126455	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-10	5.28E-09	0.00E+00	1.14E-10	1.04E-09	7.06E-07	1.92E-05	0.00E+00	5.45E-10	0.00E+00	2.43E-11	1.03E-06	0.00E+00	0.00E+00	1.92E-05
241	ALL	587852.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	2.01E-10	5.26E-09	0.00E+00	1.13E-10	1.03E-09	7.04E-07	1.92E-05	0.00E+00	5.44E-10	0.00E+00	2.42E-11	1.03E-06	0.00E+00	0.00E+00	1.92E-05
106	ALL	588112.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-10	5.13E-09	0.00E+00	1.11E-10	1.01E-09	6.87E-07	1.87E-05	0.00E+00	5.30E-10	0.00E+00	2.36E-11	1.00E-06	0.00E+00	0.00E+00	1.87E-05
18	ALL	588152.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	1.96E-10	5.13E-09	0.00E+00	1.11E-10	1.01E-09	6.86E-07	1.87E-05	0.00E+00	5.30E-10	0.00E+00	2.36E-11	1.00E-06	0.00E+00	0.00E+00	1.87E-05
232	ALL	587912.5	4126455	NonCancerChronicDerived_InhSoilDermMMilk	1.95E-10	5.12E-09	0.00E+00	1.10E-10	1.01E-09	6.86E-07	1.87E-05	0.00E+00	5.29E-10	0.00E+00	2.36E-11	9.99E-07	0.00E+00	0.00E+00	1.87E-05
240	ALL	587832.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	1.90E-10	4.99E-09	0.00E+00	1.08E-10	9.80E-10	6.67E-07	1.82E-05	0.00E+00	5.15E-10	0.00E+00	2.29E-11	9.73E-07	0.00E+00	0.00E+00	1.82E-05
231	ALL	587892.5	4126455	NonCancerChronicDerived_InhSoilDermMMilk	1.89E-10	4.96E-09	0.00E+00	1.07E-10	9.75E-10	6.64E-07	1.81E-05	0.00E+00	5.13E-10	0.00E+00	2.28E-11	9.68E-07	0.00E+00	0.00E+00	1.81E-05
222	ALL	587972.5	4126435	NonCancerChronicDerived_InhSoilDermMMilk	1.88E-10	4.92E-09	0.00E+00	1.06E-10	9.66E-10	6.58E-07	1.79E-05	0.00E+00	5.08E-10	0.00E+00	2.26E-11	9.59E-07	0.00E+00	0.00E+00	1.79E-05
132	ALL	588092.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	1.86E-10	4.86E-09	0.00E+00	1.05E-10	9.55E-10	6.51E-07	1.77E-05	0.00E+00	5.02E-10	0.00E+00	2.24E-11	9.48E-07	0.00E+00	0.00E+00	1.77E-05
48	ALL	588132.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-10	4.75E-09	0.00E+00	1.02E-10	9.34E-10	6.36E-07	1.73E-05	0.00E+00	4.91E-10	0.00E+00	2.19E-11	9.27E-07	0.00E+00	0.00E+00	1.73E-05
230	ALL	587872.5	4126455	NonCancerChronicDerived_InhSoilDermMMilk	1.81E-10	4.74E-09	0.00E+00	1.02E-10	9.31E-10	6.34E-07	1.73E-05	0.00E+00	4.90E-10	0.00E+00	2.18E-11	9.24E-07	0.00E+00	0.00E+00	1.73E-05
239	ALL	587812.5	4126475	NonCancerChronicDerived_InhSoilDermMMilk	1.80E-10	4.73E-09	0.00E+00	1.02E-10	9.29E-10	6.33E-07	1.72E-05	0.00E+00	4.88E-10	0.00E+00	2.17E-11	9.22E-07	0.00E+00	0.00E+00	1.72E-05
154	ALL	588072.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.79E-10	4.69E-09	0.00E+00	1.01E-10	9.21E-10	6.27E-07

203	ALL	587892.5	4126415	NonCancerChronicDerived_InhSoilDermMMilk	1.32E-10	3.46E-09	0.00E+00	7.47E-11	6.81E-10	4.64E-07	1.26E-05	0.00E+00	3.58E-10	0.00E+00	1.59E-11	6.76E-07	0.00E+00	0.00E+00	1.26E-05
171	ALL	587992.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.30E-10	3.42E-09	0.00E+00	7.37E-11	6.71E-10	4.57E-07	1.25E-05	0.00E+00	3.53E-10	0.00E+00	1.57E-11	6.66E-07	0.00E+00	0.00E+00	1.25E-05
76	ALL	588072.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	1.29E-10	3.38E-09	0.00E+00	7.28E-11	6.64E-10	4.52E-07	1.23E-05	0.00E+00	3.49E-10	0.00E+00	1.55E-11	6.59E-07	0.00E+00	0.00E+00	1.23E-05
202	ALL	587872.5	4126415	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-10	3.36E-09	0.00E+00	7.24E-11	6.60E-10	4.50E-07	1.22E-05	0.00E+00	3.47E-10	0.00E+00	1.54E-11	6.55E-07	0.00E+00	0.00E+00	1.22E-05
103	ALL	588052.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	1.28E-10	3.35E-09	0.00E+00	7.22E-11	6.58E-10	4.48E-07	1.22E-05	0.00E+00	3.46E-10	0.00E+00	1.54E-11	6.53E-07	0.00E+00	0.00E+00	1.22E-05
188	ALL	587952.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-10	3.34E-09	0.00E+00	7.19E-11	6.55E-10	4.46E-07	1.22E-05	0.00E+00	3.45E-10	0.00E+00	1.53E-11	6.50E-07	0.00E+00	0.00E+00	1.22E-05
151	ALL	588012.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-10	3.33E-09	0.00E+00	7.19E-11	6.55E-10	4.46E-07	1.22E-05	0.00E+00	3.44E-10	0.00E+00	1.53E-11	6.50E-07	0.00E+00	0.00E+00	1.22E-05
129	ALL	588032.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	1.27E-10	3.32E-09	0.00E+00	7.15E-11	6.52E-10	4.44E-07	1.21E-05	0.00E+00	3.43E-10	0.00E+00	1.53E-11	6.47E-07	0.00E+00	0.00E+00	1.21E-05
186	ALL	587912.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-10	3.26E-09	0.00E+00	7.02E-11	6.40E-10	4.36E-07	1.19E-05	0.00E+00	3.37E-10	0.00E+00	1.50E-11	6.35E-07	0.00E+00	0.00E+00	1.19E-05
201	ALL	587852.5	4126415	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-10	3.25E-09	0.00E+00	7.01E-11	6.39E-10	4.35E-07	1.19E-05	0.00E+00	3.36E-10	0.00E+00	1.50E-11	6.34E-07	0.00E+00	0.00E+00	1.19E-05
187	ALL	587932.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.24E-10	3.25E-09	0.00E+00	7.00E-11	6.38E-10	4.35E-07	1.18E-05	0.00E+00	3.36E-10	0.00E+00	1.49E-11	6.34E-07	0.00E+00	0.00E+00	1.18E-05
185	ALL	587892.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-10	3.15E-09	0.00E+00	6.80E-11	6.19E-10	4.22E-07	1.15E-05	0.00E+00	3.26E-10	0.00E+00	1.45E-11	6.15E-07	0.00E+00	0.00E+00	1.15E-05
170	ALL	587972.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-10	3.14E-09	0.00E+00	6.77E-11	6.17E-10	4.20E-07	1.14E-05	0.00E+00	3.24E-10	0.00E+00	1.44E-11	6.12E-07	0.00E+00	0.00E+00	1.14E-05
200	ALL	587832.5	4126415	NonCancerChronicDerived_InhSoilDermMMilk	1.20E-10	3.14E-09	0.00E+00	6.77E-11	6.17E-10	4.20E-07	1.14E-05	0.00E+00	3.24E-10	0.00E+00	1.44E-11	6.12E-07	0.00E+00	0.00E+00	1.14E-05
15	ALL	588092.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	1.19E-10	3.13E-09	0.00E+00	6.75E-11	6.15E-10	4.19E-07	1.14E-05	0.00E+00	3.23E-10	0.00E+00	1.44E-11	6.11E-07	0.00E+00	0.00E+00	1.14E-05
45	ALL	588072.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	1.18E-10	3.08E-09	0.00E+00	6.65E-11	6.06E-10	4.13E-07	1.12E-05	0.00E+00	3.19E-10	0.00E+00	1.42E-11	6.01E-07	0.00E+00	0.00E+00	1.12E-05
199	ALL	587812.5	4126415	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-10	3.07E-09	0.00E+00	6.61E-11	6.02E-10	4.10E-07	1.12E-05	0.00E+00	3.17E-10	0.00E+00	1.41E-11	5.98E-07	0.00E+00	0.00E+00	1.12E-05
150	ALL	587992.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.17E-10	3.06E-09	0.00E+00	6.59E-11	6.00E-10	4.09E-07	1.11E-05	0.00E+00	3.16E-10	0.00E+00	1.41E-11	5.96E-07	0.00E+00	0.00E+00	1.11E-05
128	ALL	588012.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-10	3.02E-09	0.00E+00	6.52E-11	5.94E-10	4.05E-07	1.10E-05	0.00E+00	3.12E-10	0.00E+00	1.39E-11	5.90E-07	0.00E+00	0.00E+00	1.10E-05
75	ALL	588052.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	1.15E-10	3.02E-09	0.00E+00	6.52E-11	5.94E-10	4.05E-07	1.10E-05	0.00E+00	3.12E-10	0.00E+00	1.39E-11	5.90E-07	0.00E+00	0.00E+00	1.10E-05
102	ALL	588032.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	1.14E-10	2.99E-09	0.00E+00	6.45E-11	5.87E-10	4.00E-07	1.09E-05	0.00E+00	3.09E-10	0.00E+00	1.37E-11	5.83E-07	0.00E+00	0.00E+00	1.09E-05
169	ALL	587952.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.12E-10	2.94E-09	0.00E+00	6.34E-11	5.78E-10	3.94E-07	1.07E-05	0.00E+00	3.04E-10	0.00E+00	1.35E-11	5.74E-07	0.00E+00	0.00E+00	1.07E-05
184	ALL	587872.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.09E-10	2.86E-09	0.00E+00	6.15E-11	5.61E-10	3.82E-07	1.04E-05	0.00E+00	2.95E-10	0.00E+00	1.31E-11	5.57E-07	0.00E+00	0.00E+00	1.04E-05
149	ALL	587972.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.08E-10	2.82E-09	0.00E+00	6.09E-11	5.55E-10	3.78E-07	1.03E-05	0.00E+00	2.92E-10	0.00E+00	1.30E-11	5.51E-07	0.00E+00	0.00E+00	1.03E-05
14	ALL	588072.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-10	2.79E-09	0.00E+00	6.01E-11	5.47E-10	3.73E-07	1.02E-05	0.00E+00	2.88E-10	0.00E+00	1.28E-11	5.43E-07	0.00E+00	0.00E+00	1.02E-05
44	ALL	588052.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-10	2.78E-09	0.00E+00	6.00E-11	5.47E-10	3.72E-07	1.01E-05	0.00E+00	2.87E-10	0.00E+00	1.28E-11	5.43E-07	0.00E+00	0.00E+00	1.01E-05
168	ALL	587932.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-10	2.77E-09	0.00E+00	5.98E-11	5.45E-10	3.71E-07	1.01E-05	0.00E+00	2.87E-10	0.00E+00	1.28E-11	5.41E-07	0.00E+00	0.00E+00	1.01E-05
127	ALL	587992.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	1.06E-10	2.77E-09	0.00E+00	5.96E-11	5.44E-10	3.70E-07	1.01E-05	0.00E+00	2.86E-10	0.00E+00	1.27E-11	5.40E-07	0.00E+00	0.00E+00	1.01E-05
183	ALL	587852.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-10	2.76E-09	0.00E+00	5.94E-11	5.41E-10	3.69E-07	1.00E-05	0.00E+00	2.85E-10	0.00E+00	1.27E-11	5.37E-07	0.00E+00	0.00E+00	1.00E-05
74	ALL	588032.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	1.05E-10	2.74E-09	0.00E+00	5.91E-11	5.39E-10	3.67E-07	9.99E-06	0.00E+00	2.83E-10	0.00E+00	1.26E-11	5.35E-07	0.00E+00	0.00E+00	9.99E-06
101	ALL	588012.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	1.04E-10	2.72E-09	0.00E+00	5.86E-11	5.34E-10	3.64E-07	9.91E-06	0.00E+00	2.81E-10	0.00E+00	1.25E-11	5.30E-07	0.00E+00	0.00E+00	9.91E-06
182	ALL	587832.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-10	2.68E-09	0.00E+00	5.77E-11	5.25E-10	3.58E-07	9.75E-06	0.00E+00	2.76E-10	0.00E+00	1.23E-11	5.22E-07	0.00E+00	0.00E+00	9.75E-06
165	ALL	587872.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.02E-10	2.67E-09	0.00E+00	5.76E-11	5.25E-10	3.57E-07	9.73E-06	0.00E+00	2.76E-10	0.00E+00	1.23E-11	5.21E-07	0.00E+00	0.00E+00	9.73E-06
167	ALL	587912.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-10	2.66E-09	0.00E+00	5.73E-11	5.22E-10	3.56E-07	9.69E-06	0.00E+00	2.75E-10	0.00E+00	1.22E-11	5.18E-07	0.00E+00	0.00E+00	9.69E-06
148	ALL	587952.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-10	2.64E-09	0.00E+00	5.69E-11	5.18E-10	3.53E-07	9.61E-06	0.00E+00	2.73E-10	0.00E+00	1.21E-11	5.14E-07	0.00E+00	0.00E+00	9.61E-06
181	ALL	587812.5	4126395	NonCancerChronicDerived_InhSoilDermMMilk	1.01E-10	2.64E-09	0.00E+00	5.68E-11	5.18E-10	3.53E-07	9.61E-06	0.00E+00	2.72E-10	0.00E+00	1.21E-11	5.14E-07	0.00E+00	0.00E+00	9.61E-06
166	ALL	587892.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	1.00E-10	2.63E-09	0.00E+00	5.67E-11	5.17E-10	3.52E-07	9.59E-06	0.00E+00	2.72E-10	0.00E+00	1.21E-11	5.13E-07	0.00E+00	0.00E+00	9.59E-06
126	ALL	587972.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	9.78E-11	2.56E-09	0.00E+00	5.53E-11	5.04E-10	3.43E-07	9.35E-06	0.00E+00	2.65E-10	0.00E+00	1.18E-11	5.00E-07	0.00E+00	0.00E+00	9.35E-06
13	ALL	588052.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	9.64E-11	2.53E-09	0.00E+00	5.45E-11	4.96E-10	3.38E-07	9.21E-06	0.00E+00	2.61E-10	0.00E+00	1.16E-11	4.93E-07	0.00E+00	0.00E+00	9.21E-06
43	ALL	588032.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	9.54E-11	2.50E-09	0.00E+00	5.39E-11	4.91E-10	3.35E-07	9.11E-06	0.00E+00	2.58E-10	0.00E+00	1.15E-11	4.88E-07	0.00E+00	0.00E+00	9.11E-06
100	ALL	587992.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	9.52E-11	2.49E-09	0.00E+00	5.38E-11	4.90E-10	3.34E-07	9.09E-06	0.00E+00	2.58E-10	0.00E+00	1.15E-11	4.87E-07	0.00E+00	0.00E+00	9.09E-06
73	ALL	588012.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	9.49E-11	2.49E-09	0.00E+00	5.36E-11	4.89E-10	3.33E-07	9.06E-06	0.00E+00	2.57E-10	0.00E+00	1.14E-11	4.85E-07	0.00E+00	0.00E+00	9.06E-06
147	ALL	587932.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	9.45E-11	2.48E-09	0.00E+00	5.34E-11	4.86E-10	3.31E-07	9.02E-06	0.00E+00	2.56E-10	0.00E+00	1.14E-11	4.83E-07	0.00E+00	0.00E+00	9.02E-06
164	ALL	587852.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	9.24E-11	2.42E-09	0.00E+00	5.22E-11	4.76E-10	3.24E-07	8.82E-06	0.00E+00	2.50E-10	0.00E+00	1.11E-11	4.72E-07	0.00E+00	0.00E+00	8.82E-06
125	ALL	587952.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	9.09E-11	2.38E-09	0.00E+00	5.13E-11	4.68E-10	3.19E-07	8.68E-06	0.00E+00	2.46E-10	0.00E+00	1.09E-11	4.64E-07	0.00E+00	0.00E+00	8.68E-06
146	ALL	587912.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	9.02E-11	2.36E-09	0.00E+00	5.10E-11	4.64E-10	3.16E-07	8.62E-06	0.00E+00	2.44E-10	0.00E+00	1.09E-11	4.61E-07	0.00E+00	0.00E+00	8.62E-06
99	ALL	587972.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-11	2.34E-09	0.00E+00	5.05E-11	4.60E-10	3.14E-07	8.54E-06	0.00E+00	2.42E-10	0.00E+00	1.08E-11	4.57E-07	0.00E+00	0.00E+00	8.54E-06
163	ALL	587832.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	8.94E-11	2.34E-09	0.00E+00	5.05E-11	4.60E-10	3.13E-07	8.53E-06	0.00E+00	2.42E-10	0.00E+00	1.08E-11	4.57E-07	0.00E+00	0.00E+00	8.53E-06
12	ALL	588032.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	8.78E-11	2.30E-09	0.00E+00	4.96E-11	4.52E-10	3.08E-07	8.39E-06	0.00E+00	2.38E-10	0.00E+00	1.06E-11	4.49E-07	0.00E+00	0.00E+00	8.39E-06
42	ALL	588012.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-11	2.30E-09	0.00E+00	4.95E-11	4.51E-10	3.08E-07	8.38E-06	0.00E+00	2.37E-10	0.00E+00	1.06E-11	4.48E-07	0.00E+00	0.00E+00	8.38E-06
72	ALL	587992.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	8.77E-11	2.30E-09	0.00E+00	4.95E-11	4.51E-10	3.08E-07	8.37E-06	0.00E+00	2.37E-10	0.00E+00	1.06E-11	4.48E-07	0.00E+00	0.00E+00	8.37E-06
162	ALL	587812.5	4126375	NonCancerChronicDerived_InhSoilDermMMilk	8.74E-11	2.29E-09	0.00E+00	4.94E-11	4.50E-10	3.07E-07	8.35E-06	0.00E+00	2.37E-10	0.00E+00	1.05E-11	4.47E-07	0.00E+00	0.00E+00	8.35E-06
145	ALL	587892.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	8.67E-11	2.27E-09	0.00E+00	4.90E-11	4.46E-10	3.04E-07	8.28E-06	0.00E+00	2.35E-10	0.00E+00	1.04E-11	4.43E-07	0.00E+00	0.00E+00	8.28E-06
144	ALL	587872.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	8.54E-11	2.24E-09	0.00E+00	4.82E-11	4.40E-10	2.99E-07	8.15E-06	0.00E+00	2.31E-10	0.00E+00	1.03E-11	4.36E-07	0.00E+00	0.00E+00	8.15E-06
143	ALL	587852.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	8.51E-11	2.23E-09	0.00E+00	4.81E-11	4.38E-10	2.99E-07	8.13E-06	0.00E+00	2.30E-10	0.00E+00	1.03E-11	4.35E-07	0.00E+00	0.00E+00	8.13E-06
124	ALL	587932.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	8.49E-11	2.23E-09	0.00E+00	4.80E-11	4.37E-10	2.98E-07	8.11E-06	0.00E+00	2.30E-10	0.00E+00	1.02E-11	4.34E-07	0.00E+00	0.00E+00	8.11E-06
98	ALL	587952.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	8.22E-11	2.15E-09	0.00E+00	4.64E-11	4.23E-10	2.88E-07	7.85E-06	0.00E+00	2.23E-10	0.00E+00	9.91E-12	4.20E-07	0.00E+00	0.00E+00	7.85E-06
71	ALL	587972.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	8.15E-11	2.14E-09	0.00E+00	4.60E-11	4.19E-10	2.86E-07	7.78E-06	0.00E+00	2.21E-10	0.00E+00	9.82E-12	4.16E-07	0.00E+00	0.00E+00	7.78E-06
123	ALL	587912.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	8.12E-11	2.13E-09	0.00E+00	4.59E-11	4.18E-10	2.85E-07	7.75E-06	0.00E+00	2.20E-10	0.00E+00	9.78E-12	4.15E-07	0.00E+00	0.00E+00	7.75E-06
11	ALL	588012.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	8.11E-11	2.13E-09	0.00E+00	4.58E-11	4.18E-10	2.85E-07	7.75E-06	0.00E+00	2.20E-10	0.00E+00	9.77E-12	4.15E-07	0.00E+00	0.00E+00	7.75E-06
41	ALL	587992.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	8.11E-11	2.12E-09	0.00E+00	4.58E-11	4.17E-10	2.84E-07	7.74E-06	0.00E+00	2.20E-10	0.00E+00	9.77E-12	4.14E-07	0.00E+00	0.00E+00	7.74E-06
142	ALL	587832.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	7.87E-11	2.06E-09	0.00E+00	4.44E-11	4.05E-10	2.76E-07	7.51E-06	0.00E+00	2.13E-10	0.00E+00	9.48E-12	4.02E-07	0.00E+00	0.00E+00	7.51E-06
120	ALL	587852.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-11	2.04E-09	0.00E+00	4.39E-11	4.00E-10	2.73E-07	7.42E-06	0.00E+00	2.10E-10	0.00E+00	9.37E-12	3.97E-07	0.00E+00	0.00E+00	7.42E-06
122	ALL	587892.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	7.77E-11	2.04E-09	0.00E+00	4.39E-11	4.00E-10	2.73E-07	7.42E-06	0.00E+00	2.10E-10	0.00E+00	9.36E-12	3.97E-07	0.00E+00	0.00E+00	7.42E-06
97	ALL	587932.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	7.74E-11	2.03E-09	0.00E+00	4.37E-11	3.99E-10	2.72E-07	7.39E-06	0.00E+00	2.10E-10	0.00E+00	9.33E-12	3.96E-07	0.00E+00	0.00E+00	7.39E-06
141	ALL	587812.5	4126355	NonCancerChronicDerived_InhSoilDermMMilk	7.70E-11	2.02E-09	0.00E+00	4.35E-11	3.97E-10	2.70E-07	7.36E-06	0.00E+00	2.09E-10	0.00E+00	9.28E-12	3.94E-07	0.00E+00	0.00E+00	7.36E-06
121	ALL	587872.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	7.58E-11	1.99E-09	0.00E+00	4.28E-11	3.90E-10	2.66E-07	7.24E-06	0.00E+00	2.05E-10	0.00E+00	9.13E-12	3.87E-07	0.00E+00	0.00E+00	7.24E-06
70	ALL	587952.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	7.57E-11	1.98E-09	0.00E+00	4.28E-11	3.90E-10	2.65E-07	7.23E-06	0.00E+00	2.05E-10	0.00E+00	9.12E-12	3.87E-07	0.00E+00	0.00E+00	7.23E-06
40	ALL	587972.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	7.50E-11	1.96E-09	0.00E+00	4.23E-11	3.86E-10	2.63E-07	7.16E-06	0.00E+00	2.03E-10	0.00E+00	9.03E-12	3.83E-07	0.00E+00	0.00E+00	7.16E-06
10	ALL	587992.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	7.42E-11	1.94E-09	0.00E+00	4.19E-11	3.82E-10	2.60E-07	7.09E-06	0.00E+00	2.01E-10	0.00E+00	8.94E-12	3.79E-07	0.00E+00	0.00E+00	7.09E-06
96	ALL	587912.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	7.36E-11	1.93E-09	0.00E+00	4.16E-11	3.79E-10	2.58E-07	7.03E-06	0.00E+00	1.99E-10	0.00E+00	8.87E-12	3.76E-07	0.00E+00	0.00E+00	7.03E-06
69	ALL	587932.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	7.12E-11	1.87E-09	0.00E+00	4.02E-11	3.66E-10	2.50E-07	6.80E-06	0.00E+00	1.93E-10	0.00E+00	8.57E-12	3.64E-07	0.00E+00	0.00E+00	6.80E-06
95	ALL	587892.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	7.08E-11	1.86E-09	0.00E+00	4.00E-11	3.65E-10	2.48E-07	6.76E-06	0.00E+00	1.92E-10	0.00E+00	8.53E-12	3.62E-07	0.00E+00	0.00E+00	6.76E-06
39	ALL	587952.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	7.04E-11	1.84E-09	0.00E+00	3.97E-11	3.62E-10	2.47E-07	6.72E-06	0.00E+00	1.91E-10	0.00E+00	8.48E-12	3.60E-07	0.00E+00	0.00E+00	6.72E-06
119	ALL	587832.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	7.02E-11	1.84E-09	0.00E+00	3.97E-11	3.62E-10	2.46E-07	6.71E-06	0.00E+00	1.90E-10	0.00E+00	8.46E-12	3.59E-07	0.00E+00	0.00E+00	6.71E-06
94	ALL	587872.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	6.93E-11	1.82E-09	0.00E+00	3.92E-11	3.57E-10	2.43E-07	6.62E-06	0.00E+00	1.88E-10	0.00E+00	8.35E-12	3.54E-07	0.00E+00	0.00E+00	6.62E-06
9	ALL	587972.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	6.90E-11	1.81E-09	0.00E+00	3.90E-11	3.55E-10	2.42E-07	6.59E-06	0.00E+00	1.87E-10	0.00E+00	8.32E-12	3.53E-07	0.00E+00	0.00E+00	6.59E-06
118	ALL	587812.5	4126335	NonCancerChronicDerived_InhSoilDermMMilk	6.84E-11	1.79E-09	0.00E+00	3.86E-11	3.52E-10	2.40E-07	6.53E-06	0.00E+00	1.85E-10	0.00E+00	8.24E-12	3.49E-07	0.00E+00	0.00E+00	6.53E-06
68	ALL	587912.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	6.80E-11	1.78E-09	0.00E+00	3.84E-11	3.50E-10	2.39E-07	6.50E-06	0.00E+00	1.84E-10	0.00E+00	8.19E-12	3.48E-07	0.00E+00	0.00E+00	6.50E-06
93	ALL	587852.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	6.79E-11	1.78E-09	0.00E+00	3.84E-11	3.50E-10	2.38E-07	6.49E-06	0.00E+00	1.84E-10	0.00E+00	8.19E-12	3.47E-07	0.00E+00	0.00E+00	6.49E-06
38	ALL	587932.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	6.62E-11	1.74E-09	0.00E+00	3.74E-11	3.41E-10	2.32E-07	6.33E-06	0.00E+00	1.79E-10	0.00E+00	7.98E-12	3.39E-07	0.00E+00	0.00E+00	6.33E-06
66	ALL	587872.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	6.58E-11	1.72E-09	0.00E+00	3.72E-11	3.39E-10	2.31E-07	6.29E-06	0.00E+00	1.78E-10	0.00E+00	7.93E-12	3.36E-07	0.00E+00	0.00E+00	6.29E-06
8	ALL	587952.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	6.56E-11	1.72E-09	0.00E+00	3.71E-11	3.38E-10	2.30E-07	6.27E-06	0.00E+00	1.78E-10	0.00E+00	7.91E-12	3.35E-07	0.00E+00	0.00E+00	6.27E-06
67	ALL	587892.5	4126295	NonCancerChronicDerived_InhSoilDermMMilk	6.46E-11	1.69E-09	0.00E+00	3.65E-11	3.33E-10	2.27E-07	6.17E-06	0.00E+00	1.75E-10	0.00E+00	7.79E-12	3.30E-07	0.00E+00	0.00E+00	6.17E-06
92	ALL	587832.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	6.42E-11	1.68E-09	0.00E+00	3.63E-11	3.31E-10	2.25E-07	6.13E-06	0.00E+00	1.74E-10	0.00E+00	7.74E-12	3.28E-07	0.00E+00	0.00E+00	6.13E-06
37	ALL	587912.5	4126275	NonCancerChronicDerived_InhSoilDermMMilk	6.27E-11	1.64E-09	0.00E+00	3.54E-11	3.23E-10	2.20E-07	5.99E-06	0.00E+00	1.70E-10	0.00E+00	7.56E-12	3.21E-07	0.00E+00	0.00E+00	5.99E-06
91	ALL	587812.5	4126315	NonCancerChronicDerived_InhSoilDermMMilk	6.16E-11	1.61E-09	0.00E+00	3.48E-11	3.17E-10	2.16E-07	5.88E-06	0.00E+00	1.67E-10	0.00E+00	7.42E-12	3.15E-07	0.00E+00	0.00E+00	5.88E-06
7	ALL	587932.5	4126255	NonCancerChronicDerived_InhSoilDermMMilk	6.15E-11	1.61E-09	0.00E+00	3.47E-11	3.16E-10	2.16E-07

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** Lakes Environmental AERMOD MPI
**
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**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 4/22/2019
** File: C:\Lakes\AERMOD View\PalmVillas Saratoga Const -
Variable\PalmVillas Saratoga Const.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\PalmVillas Saratoga Const\PalmVillas
Saratoga C
   TITLETWO Palm Villas Saratoga Construction
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 1781642 Santa_Clara_County,_Census_2010
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "PalmVillas Saratoga Const.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
** -------------------------------------------------------------------
** Line Source Represented by Adjacent Volume Sources
** LINE VOLUME Source ID = SLINE1
** DESCRSRC Construction
** PREFIX
** Length of Side = 11.63
** Configuration = Adjacent
** Emission Rate = 1.0
** Vertical Dimension = 2.33
** SZINIT = 1.08
** Nodes = 19
** 588094.999, 4126589.332, 91.39, 5.00, 5.41
** 588084.746, 4126550.100, 92.27, 5.00, 5.41
** 588122.194, 4126534.943, 92.36, 5.00, 5.41
** 588142.255, 4126542.967, 92.01, 5.00, 5.41
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** 588164.546, 4126534.051, 91.81, 5.00, 5.41
** 588174.353, 4126559.908, 91.40, 5.00, 5.41
** 588140.918, 4126576.849, 91.44, 5.00, 5.41
** 588104.807, 4126587.548, 92.16, 5.00, 5.41
** 588096.337, 4126556.787, 92.37, 5.00, 5.41
** 588119.965, 4126548.317, 92.73, 5.00, 5.41
** 588137.797, 4126553.221, 92.22, 5.00, 5.41
** 588157.413, 4126547.871, 91.82, 5.00, 5.41
** 588161.871, 4126557.233, 91.58, 5.00, 5.41
** 588134.230, 4126571.499, 92.08, 5.00, 5.41
** 588111.940, 4126576.849, 92.25, 5.00, 5.41
** 588108.373, 4126564.366, 92.37, 5.00, 5.41
** 588119.965, 4126560.354, 92.34, 5.00, 5.41
** 588140.918, 4126560.354, 92.09, 5.00, 5.41
** 588118.627, 4126569.270, 92.35, 5.00, 5.41
** ---------------------------------------------------------------------
   LOCATION L0000124     VOLUME   588093.529 4126583.706 91.63
   LOCATION L0000125     VOLUME   588090.588 4126572.454 90.50
   LOCATION L0000126     VOLUME   588087.647 4126561.201 90.43
   LOCATION L0000127     VOLUME   588084.890 4126550.042 92.17
   LOCATION L0000128     VOLUME   588095.670 4126545.678 92.47
   LOCATION L0000129     VOLUME   588106.451 4126541.315 92.40
   LOCATION L0000130     VOLUME   588117.231 4126536.951 92.51
   LOCATION L0000131     VOLUME   588128.021 4126537.274 92.36
   LOCATION L0000132     VOLUME   588138.819 4126541.593 92.08
   LOCATION L0000133     VOLUME   588149.618 4126540.022 91.87
   LOCATION L0000134     VOLUME   588160.416 4126535.703 91.80
   LOCATION L0000135     VOLUME   588167.093 4126540.766 91.76
   LOCATION L0000136     VOLUME   588171.217 4126551.640 91.55
   LOCATION L0000137     VOLUME   588171.867 4126561.168 91.39
   LOCATION L0000138     VOLUME   588161.492 4126566.424 91.30
   LOCATION L0000139     VOLUME   588151.118 4126571.681 91.47
   LOCATION L0000140     VOLUME   588140.731 4126576.904 91.53
   LOCATION L0000141     VOLUME   588129.580 4126580.208 91.88
   LOCATION L0000142     VOLUME   588118.429 4126583.512 92.03
   LOCATION L0000143     VOLUME   588107.278 4126586.816 92.12
   LOCATION L0000144     VOLUME   588102.404 4126578.821 92.33
   LOCATION L0000145     VOLUME   588099.316 4126567.608 92.35
   LOCATION L0000146     VOLUME   588096.720 4126556.650 92.39
   LOCATION L0000147     VOLUME   588107.667 4126552.725 92.37
   LOCATION L0000148     VOLUME   588118.615 4126548.801 93.37
   LOCATION L0000149     VOLUME   588129.796 4126551.021 92.30
   LOCATION L0000150     VOLUME   588141.012 4126552.344 92.12
   LOCATION L0000151     VOLUME   588152.232 4126549.284 91.83
   LOCATION L0000152     VOLUME   588160.104 4126553.523 91.67
   LOCATION L0000153     VOLUME   588155.188 4126560.683 91.60
   LOCATION L0000154     VOLUME   588144.853 4126566.017 91.86
   LOCATION L0000155     VOLUME   588134.518 4126571.351 92.15
   LOCATION L0000156     VOLUME   588123.237 4126574.138 92.12
   LOCATION L0000157     VOLUME   588111.937 4126576.837 92.28
   LOCATION L0000158     VOLUME   588108.742 4126565.654 92.41
   LOCATION L0000159     VOLUME   588118.098 4126561.000 92.37
   LOCATION L0000160     VOLUME   588129.619 4126560.354 92.32
   LOCATION L0000161     VOLUME   588140.610 4126560.477 92.13
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   LOCATION L0000162     VOLUME   588129.812 4126564.796 92.30
   LOCATION L0000163     VOLUME   588119.013 4126569.116 92.30
** End of LINE VOLUME Source ID = SLINE1
** Source Parameters **
** LINE VOLUME Source ID = SLINE1
   SRCPARAM L0000124         0.025      5.00      5.41      1.08
   SRCPARAM L0000125         0.025      5.00      5.41      1.08
   SRCPARAM L0000126         0.025      5.00      5.41      1.08
   SRCPARAM L0000127         0.025      5.00      5.41      1.08
   SRCPARAM L0000128         0.025      5.00      5.41      1.08
   SRCPARAM L0000129         0.025      5.00      5.41      1.08
   SRCPARAM L0000130         0.025      5.00      5.41      1.08
   SRCPARAM L0000131         0.025      5.00      5.41      1.08
   SRCPARAM L0000132         0.025      5.00      5.41      1.08
   SRCPARAM L0000133         0.025      5.00      5.41      1.08
   SRCPARAM L0000134         0.025      5.00      5.41      1.08
   SRCPARAM L0000135         0.025      5.00      5.41      1.08
   SRCPARAM L0000136         0.025      5.00      5.41      1.08
   SRCPARAM L0000137         0.025      5.00      5.41      1.08
   SRCPARAM L0000138         0.025      5.00      5.41      1.08
   SRCPARAM L0000139         0.025      5.00      5.41      1.08
   SRCPARAM L0000140         0.025      5.00      5.41      1.08
   SRCPARAM L0000141         0.025      5.00      5.41      1.08
   SRCPARAM L0000142         0.025      5.00      5.41      1.08
   SRCPARAM L0000143         0.025      5.00      5.41      1.08
   SRCPARAM L0000144         0.025      5.00      5.41      1.08
   SRCPARAM L0000145         0.025      5.00      5.41      1.08
   SRCPARAM L0000146         0.025      5.00      5.41      1.08
   SRCPARAM L0000147         0.025      5.00      5.41      1.08
   SRCPARAM L0000148         0.025      5.00      5.41      1.08
   SRCPARAM L0000149         0.025      5.00      5.41      1.08
   SRCPARAM L0000150         0.025      5.00      5.41      1.08
   SRCPARAM L0000151         0.025      5.00      5.41      1.08
   SRCPARAM L0000152         0.025      5.00      5.41      1.08
   SRCPARAM L0000153         0.025      5.00      5.41      1.08
   SRCPARAM L0000154         0.025      5.00      5.41      1.08
   SRCPARAM L0000155         0.025      5.00      5.41      1.08
   SRCPARAM L0000156         0.025      5.00      5.41      1.08
   SRCPARAM L0000157         0.025      5.00      5.41      1.08
   SRCPARAM L0000158         0.025      5.00      5.41      1.08
   SRCPARAM L0000159         0.025      5.00      5.41      1.08
   SRCPARAM L0000160         0.025      5.00      5.41      1.08
   SRCPARAM L0000161         0.025      5.00      5.41      1.08
   SRCPARAM L0000162         0.025      5.00      5.41      1.08
   SRCPARAM L0000163         0.025      5.00      5.41      1.08
** ----------------------------------------------------------------------
   URBANSRC ALL

** Variable Emissions Type: "By Season / Hour / Seven Days (SHRDOW7)"
** Variable Emission Scenario: "Scenario 1"
** Season = Winter;  Day of Week = Monday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
```

```
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Monday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Monday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Monday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Tuesday
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   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Tuesday
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   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Tuesday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Tuesday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Wednesday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Wednesday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Wednesday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Wednesday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Thursday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Thursday
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   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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** Season = Summer;  Day of Week = Thursday
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   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Thursday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Friday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Friday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
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   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Friday
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   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Friday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000124     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000125     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000126     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000127     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000128     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000129     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000130     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000131     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000132     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000133     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000134     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000135     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000136     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000137     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000138     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000139     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000140     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000141     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000142     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000143     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000144     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000145     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000146     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000147     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000148     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000149     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
EMISFACT L0000150     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
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   EMISFACT L0000151     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000152     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000153     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000154     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000155     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000156     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000157     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000158     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000159     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000160     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000161     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000162     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 4.2
   EMISFACT L0000163     SHRDOW7 4.2 4.2 4.2 0.0 4.2 4.2 4.2 4.2
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Saturday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Saturday
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EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Saturday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Saturday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Winter;  Day of Week = Sunday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Spring;  Day of Week = Sunday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Summer;  Day of Week = Sunday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
** Season = Fall;  Day of Week = Sunday
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000124     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000125     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000126     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000127     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000128     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000129     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000130     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000131     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000132     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000133     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000134     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000135     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000136     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000137     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000138     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000139     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000140     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000141     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000142     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000143     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000144     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000145     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000146     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000147     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000148     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000149     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000150     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT L0000151     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
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   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000152     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000153     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000154     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000155     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000156     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000157     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000158     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000159     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000160     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000161     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000162     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   EMISFACT L0000163     SHRDOW7 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "PalmVillas Saratoga Const.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
```

```
   SURFFILE "PalmVillas Saratoga Const.SFC"
   PROFFILE "PalmVillas Saratoga Const.PFL"
   SURFDATA 23293 2009
   UAIRDATA 23230 2009 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "PalmVillas Saratoga Const.AD\01H1GALL.PLT" 31
   PLOTFILE PERIOD ALL "PalmVillas Saratoga Const.AD\PE00GALL.PLT" 32
   SUMMFILE "PalmVillas Saratoga Const.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
               ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3567       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187    3567       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

 ************************************
 *** SETUP Finishes Successfully ***
 ************************************
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  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 URBAN Dispersion Algorithm for the SBL for    40 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   1781642.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         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:  PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:     40 Source(s);       1 Source Group(s); and
703 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:     40 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:  18081

 **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) =    15.50 ;
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 =      3.8 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   PalmVillas Saratoga Const.err
 **File for Summary of Results:   PalmVillas Saratoga Const.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE ID	NUMBER PART. CATS.	EMISSION RATE (GRAMS/SEC)	X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	INIT. SY (METERS)	INIT. SZ (METERS)	URBAN SOURCE	EMISSION RATE SCALAR VARY BY
L0000124	0	0.25000E-01	588093.5	4126583.7	91.6	5.00	5.41	1.08	YES	SHRDOW7
L0000125	0	0.25000E-01	588090.6	4126572.5	90.5	5.00	5.41	1.08	YES	SHRDOW7
L0000126	0	0.25000E-01	588087.6	4126561.2	90.4	5.00	5.41	1.08	YES	SHRDOW7
L0000127	0	0.25000E-01	588084.9	4126550.0	92.2	5.00	5.41	1.08	YES	SHRDOW7
L0000128	0	0.25000E-01	588095.7	4126545.7	92.5	5.00	5.41	1.08	YES	SHRDOW7
L0000129	0	0.25000E-01	588106.5	4126541.3	92.4	5.00	5.41	1.08	YES	SHRDOW7
L0000130	0	0.25000E-01	588117.2	4126537.0	92.5	5.00	5.41	1.08	YES	SHRDOW7
L0000131	0	0.25000E-01	588128.0	4126537.3	92.4	5.00	5.41	1.08	YES	SHRDOW7
L0000132	0	0.25000E-01	588138.8	4126541.6	92.1	5.00	5.41	1.08	YES	SHRDOW7
L0000133	0	0.25000E-01	588149.6	4126540.0	91.9	5.00	5.41	1.08	YES	SHRDOW7
L0000134	0	0.25000E-01	588160.4	4126535.7	91.8	5.00	5.41	1.08	YES	SHRDOW7
L0000135	0	0.25000E-01	588167.1	4126540.8	91.8	5.00	5.41	1.08	YES	SHRDOW7
L0000136	0	0.25000E-01	588171.2	4126551.6	91.5	5.00	5.41	1.08	YES	SHRDOW7
L0000137	0	0.25000E-01	588171.9	4126561.2	91.4	5.00	5.41	1.08	YES	SHRDOW7
L0000138	0	0.25000E-01	588161.5	4126566.4	91.3	5.00	5.41	1.08	YES	SHRDOW7
L0000139	0	0.25000E-01	588151.1	4126571.7	91.5	5.00	5.41	1.08	YES	SHRDOW7

L0000140	0	0.25000E-01	588140.7	4126576.9	91.5	5.00	5.41	1.08	YES	SHRDOW7
L0000141	0	0.25000E-01	588129.6	4126580.2	91.9	5.00	5.41	1.08	YES	SHRDOW7
L0000142	0	0.25000E-01	588118.4	4126583.5	92.0	5.00	5.41	1.08	YES	SHRDOW7
L0000143	0	0.25000E-01	588107.3	4126586.8	92.1	5.00	5.41	1.08	YES	SHRDOW7
L0000144	0	0.25000E-01	588102.4	4126578.8	92.3	5.00	5.41	1.08	YES	SHRDOW7
L0000145	0	0.25000E-01	588099.3	4126567.6	92.3	5.00	5.41	1.08	YES	SHRDOW7
L0000146	0	0.25000E-01	588096.7	4126556.6	92.4	5.00	5.41	1.08	YES	SHRDOW7
L0000147	0	0.25000E-01	588107.7	4126552.7	92.4	5.00	5.41	1.08	YES	SHRDOW7
L0000148	0	0.25000E-01	588118.6	4126548.8	93.4	5.00	5.41	1.08	YES	SHRDOW7
L0000149	0	0.25000E-01	588129.8	4126551.0	92.3	5.00	5.41	1.08	YES	SHRDOW7
L0000150	0	0.25000E-01	588141.0	4126552.3	92.1	5.00	5.41	1.08	YES	SHRDOW7
L0000151	0	0.25000E-01	588152.2	4126549.3	91.8	5.00	5.41	1.08	YES	SHRDOW7
L0000152	0	0.25000E-01	588160.1	4126553.5	91.7	5.00	5.41	1.08	YES	SHRDOW7
L0000153	0	0.25000E-01	588155.2	4126560.7	91.6	5.00	5.41	1.08	YES	SHRDOW7
L0000154	0	0.25000E-01	588144.9	4126566.0	91.9	5.00	5.41	1.08	YES	SHRDOW7
L0000155	0	0.25000E-01	588134.5	4126571.4	92.1	5.00	5.41	1.08	YES	SHRDOW7
L0000156	0	0.25000E-01	588123.2	4126574.1	92.1	5.00	5.41	1.08	YES	SHRDOW7
L0000157	0	0.25000E-01	588111.9	4126576.8	92.3	5.00	5.41	1.08	YES	SHRDOW7
L0000158	0	0.25000E-01	588108.7	4126565.7	92.4	5.00	5.41	1.08	YES	SHRDOW7
L0000159	0	0.25000E-01	588118.1	4126561.0	92.4	5.00	5.41	1.08	YES	SHRDOW7
L0000160	0	0.25000E-01	588129.6	4126560.4	92.3	5.00	5.41	1.08	YES	SHRDOW7
L0000161	0	0.25000E-01	588140.6	4126560.5	92.1	5.00	5.41	1.08	YES	SHRDOW7
L0000162	0	0.25000E-01	588129.8	4126564.8	92.3	5.00	5.41	1.08	YES	SHRDOW7
L0000163	0	0.25000E-01	588119.0	4126569.1	92.3	5.00	5.41	1.08	YES	SHRDOW7

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
ALL	L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 , L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	1781642.	L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 ,
		L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 ,
		L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 ,
		L0000148 , L0000149 , L0000150 , L0000151 , L0000152 , L0000153 , L0000154 , L0000155 ,
		L0000156 , L0000157 , L0000158 , L0000159 , L0000160 , L0000161 , L0000162 , L0000163 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000124 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000125 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000126 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01										

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000127 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000128 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000129 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000130 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000131 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000132 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000133 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000134 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000135 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000136 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000137 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01										

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

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    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000138 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000139 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SEASON = WINTER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SPRING; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = SUMMER; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = FALL ; DAY OF WEEK = MONDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00
SEASON = WINTER; DAY OF WEEK = TUESDAY															
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000140 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000141 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000142 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000143 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000144 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000145 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

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

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000146 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000147 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01										

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000148 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000149 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000150 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000151 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000152 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000153 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000154 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000155 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000156 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000157 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000158 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000159 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01	17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00
22	.0000E+00	23	.0000E+00	24	.0000E+00								

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00
8	.4200E+01	9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01
15	.4200E+01	16	.4200E+01										

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000160 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000161 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR
- - - -

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000162 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

```
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY SEASONALLY, DIURNALLY AND BY DAY OF WEEK (SHRDOW7) *

SOURCE ID = L0000163 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR

SEASON = WINTER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SPRING; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = SUMMER; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = FALL ; DAY OF WEEK = MONDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	.0000E+00	23	.0000E+00	24	.0000E+00

SEASON = WINTER; DAY OF WEEK = TUESDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	.0000E+00	7	.0000E+00	8	.4200E+01
9	.4200E+01	10	.4200E+01	11	.4200E+01	12	.0000E+00	13	.4200E+01	14	.4200E+01	15	.4200E+01	16	.4200E+01

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   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = TUESDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = WEDNESDY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
```

```
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = THURSDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = WINTER;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SPRING;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON = SUMMER;  DAY OF
WEEK = FRIDAY
```

```
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                SEASON =  FALL ;  DAY OF
WEEK = FRIDAY
    1  .0000E+00    2  .0000E+00    3  .0000E+00    4  .0000E+00    5
.0000E+00    6  .0000E+00    7  .0000E+00    8  .4200E+01
    9  .4200E+01   10  .4200E+01   11  .4200E+01   12  .0000E+00   13
.4200E+01   14  .4200E+01   15  .4200E+01   16  .4200E+01
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
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```
                                                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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+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  .0000E+00
    9  .0000E+00   10  .0000E+00   11  .0000E+00   12  .0000E+00   13
.0000E+00   14  .0000E+00   15  .0000E+00   16  .0000E+00
   17  .0000E+00   18  .0000E+00   19  .0000E+00   20  .0000E+00   21
.0000E+00   22  .0000E+00   23  .0000E+00   24  .0000E+00
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(587812.5, 4126255.1, 97.0, 97.4, 0.0); (587832.5, 4126255.1, 94.8, 98.0, 0.0);
(587852.5, 4126255.1, 93.2, 98.0, 0.0); (587872.5, 4126255.1, 95.5, 95.5, 0.0);
(587892.5, 4126255.1, 95.4, 95.4, 0.0); (587912.5, 4126255.1, 95.4, 95.4, 0.0);
(587932.5, 4126255.1, 95.3, 95.3, 0.0); (587952.5, 4126255.1, 95.0, 95.0, 0.0);
(587972.5, 4126255.1, 95.9, 95.9, 0.0); (587992.5, 4126255.1, 95.8, 95.8, 0.0);
(588012.5, 4126255.1, 94.9, 94.9, 0.0); (588032.5, 4126255.1, 95.0, 95.0, 0.0);
(588052.5, 4126255.1, 94.8, 94.8, 0.0); (588072.5, 4126255.1, 95.0, 95.0, 0.0);
(588092.5, 4126255.1, 95.1, 95.1, 0.0); (588112.5, 4126255.1, 95.1, 95.1, 0.0);
(588132.5, 4126255.1, 94.8, 94.8, 0.0); (588152.5, 4126255.1, 94.1, 94.1, 0.0);
(588172.5, 4126255.1, 94.1, 94.1, 0.0); (588192.5, 4126255.1, 93.9, 93.9, 0.0);
(588212.5, 4126255.1, 94.0, 94.0, 0.0); (588232.5, 4126255.1, 93.8, 93.8, 0.0);
(588252.5, 4126255.1, 92.8, 92.8, 0.0); (588272.5, 4126255.1, 93.1, 93.1, 0.0);
(588292.5, 4126255.1, 93.0, 93.0, 0.0); (588312.5, 4126255.1, 92.7, 92.7, 0.0);
(588332.5, 4126255.1, 92.5, 92.5, 0.0); (588352.5, 4126255.1, 92.1, 92.1, 0.0);
(588372.5, 4126255.1, 92.5, 92.5, 0.0); (588392.5, 4126255.1, 92.0, 92.0, 0.0);
(588412.5, 4126255.1, 91.7, 91.7, 0.0); (587812.5, 4126275.1, 95.6, 97.3, 0.0);
(587832.5, 4126275.1, 93.9, 97.4, 0.0); (587852.5, 4126275.1, 94.8, 95.8, 0.0);
(587872.5, 4126275.1, 93.4, 95.8, 0.0); (587892.5, 4126275.1, 95.4, 95.4, 0.0);
(587912.5, 4126275.1, 95.0, 95.0, 0.0); (587932.5, 4126275.1, 95.1, 95.1, 0.0);
(587952.5, 4126275.1, 95.0, 95.0, 0.0); (587972.5, 4126275.1, 95.2, 95.2, 0.0);

(587992.5, 4126275.1, 94.8, 94.8, 0.0); (
588012.5, 4126275.1, 94.8, 94.8, 0.0);
(588032.5, 4126275.1, 94.7, 94.7, 0.0); (
588052.5, 4126275.1, 94.1, 94.1, 0.0);
(588072.5, 4126275.1, 94.3, 94.3, 0.0); (
588092.5, 4126275.1, 94.3, 94.3, 0.0);
(588112.5, 4126275.1, 94.5, 94.5, 0.0); (
588132.5, 4126275.1, 94.6, 94.6, 0.0);
(588152.5, 4126275.1, 94.2, 94.2, 0.0); (
588172.5, 4126275.1, 93.8, 93.8, 0.0);
(588192.5, 4126275.1, 93.6, 93.6, 0.0); (
588212.5, 4126275.1, 93.9, 93.9, 0.0);
(588232.5, 4126275.1, 93.5, 93.5, 0.0); (
588252.5, 4126275.1, 93.1, 93.1, 0.0);
(588272.5, 4126275.1, 92.3, 92.3, 0.0); (
588292.5, 4126275.1, 92.8, 92.8, 0.0);
(588312.5, 4126275.1, 92.7, 92.7, 0.0); (
588332.5, 4126275.1, 91.8, 92.6, 0.0);
(588352.5, 4126275.1, 91.9, 91.9, 0.0); (
588372.5, 4126275.1, 92.3, 92.3, 0.0);
(588392.5, 4126275.1, 91.8, 91.8, 0.0); (
588412.5, 4126275.1, 91.2, 91.2, 0.0);
(587812.5, 4126295.1, 96.5, 96.5, 0.0); (
587832.5, 4126295.1, 94.4, 96.9, 0.0);
(587852.5, 4126295.1, 93.8, 95.8, 0.0); (
587872.5, 4126295.1, 92.2, 95.8, 0.0);
(587892.5, 4126295.1, 95.1, 95.1, 0.0); (
587912.5, 4126295.1, 94.8, 94.8, 0.0);
(587932.5, 4126295.1, 95.2, 95.2, 0.0); (
587952.5, 4126295.1, 95.2, 95.2, 0.0);
(587972.5, 4126295.1, 94.8, 94.8, 0.0); (
587992.5, 4126295.1, 94.8, 94.8, 0.0);
(588012.5, 4126295.1, 94.8, 94.8, 0.0); (
588032.5, 4126295.1, 94.2, 94.2, 0.0);
(588052.5, 4126295.1, 94.2, 94.2, 0.0); (
588072.5, 4126295.1, 94.3, 94.3, 0.0);
(588092.5, 4126295.1, 93.9, 93.9, 0.0); (
588112.5, 4126295.1, 94.1, 94.1, 0.0);
(588132.5, 4126295.1, 94.4, 94.4, 0.0); (
588152.5, 4126295.1, 94.1, 94.1, 0.0);
(588232.5, 4126295.1, 93.3, 93.3, 0.0); (
588252.5, 4126295.1, 92.8, 92.8, 0.0);
(588272.5, 4126295.1, 92.3, 92.3, 0.0); (
588292.5, 4126295.1, 92.0, 92.0, 0.0);
(588312.5, 4126295.1, 91.8, 91.8, 0.0); (
588332.5, 4126295.1, 92.0, 92.0, 0.0);
(588352.5, 4126295.1, 92.5, 92.5, 0.0); (
588372.5, 4126295.1, 92.0, 92.0, 0.0);
(588392.5, 4126295.1, 91.3, 91.3, 0.0); (
588412.5, 4126295.1, 91.0, 91.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 587812.5, 4126315.1,      95.9,      95.9,       0.0);         (
587832.5, 4126315.1,      94.9,      95.9,       0.0);
     ( 587852.5, 4126315.1,      93.4,      93.8,       0.0);         (
587872.5, 4126315.1,      94.0,      95.4,       0.0);
     ( 587892.5, 4126315.1,      94.8,      94.8,       0.0);         (
587912.5, 4126315.1,      95.0,      95.0,       0.0);
     ( 587932.5, 4126315.1,      95.1,      95.1,       0.0);         (
587952.5, 4126315.1,      95.0,      95.0,       0.0);
     ( 587972.5, 4126315.1,      94.1,      94.1,       0.0);         (
587992.5, 4126315.1,      94.7,      94.7,       0.0);
     ( 588012.5, 4126315.1,      94.5,      94.5,       0.0);         (
588032.5, 4126315.1,      94.2,      94.2,       0.0);
     ( 588052.5, 4126315.1,      93.8,      93.8,       0.0);         (
588072.5, 4126315.1,      93.8,      93.8,       0.0);
     ( 588092.5, 4126315.1,      94.2,      94.2,       0.0);         (
588112.5, 4126315.1,      93.7,      93.7,       0.0);
     ( 588132.5, 4126315.1,      93.9,      93.9,       0.0);         (
588232.5, 4126315.1,      92.8,      92.8,       0.0);
     ( 588252.5, 4126315.1,      92.7,      92.7,       0.0);         (
588272.5, 4126315.1,      92.6,      92.6,       0.0);
     ( 588292.5, 4126315.1,      92.0,      92.0,       0.0);         (
588312.5, 4126315.1,      92.4,      92.4,       0.0);
     ( 588332.5, 4126315.1,      92.4,      92.4,       0.0);         (
588352.5, 4126315.1,      92.3,      92.3,       0.0);
     ( 588372.5, 4126315.1,      91.3,      91.3,       0.0);         (
588392.5, 4126315.1,      91.0,      91.0,       0.0);
     ( 588412.5, 4126315.1,      90.8,      90.8,       0.0);         (
587812.5, 4126335.1,      95.9,      95.9,       0.0);
     ( 587832.5, 4126335.1,      95.6,      95.6,       0.0);         (
587852.5, 4126335.1,      92.1,      96.0,       0.0);
     ( 587872.5, 4126335.1,      94.5,      94.5,       0.0);         (
587892.5, 4126335.1,      94.9,      94.9,       0.0);
     ( 587912.5, 4126335.1,      94.8,      94.8,       0.0);         (
587932.5, 4126335.1,      95.0,      95.0,       0.0);
     ( 587952.5, 4126335.1,      94.4,      94.4,       0.0);         (
587972.5, 4126335.1,      94.0,      94.0,       0.0);
     ( 587992.5, 4126335.1,      94.0,      94.8,       0.0);         (
588012.5, 4126335.1,      93.7,      93.7,       0.0);
     ( 588032.5, 4126335.1,      93.7,      93.7,       0.0);         (
588052.5, 4126335.1,      93.5,      93.5,       0.0);
```

(588072.5, 4126335.1, 93.8, 93.8, 0.0); (588092.5, 4126335.1, 93.6, 93.6, 0.0);
(588272.5, 4126335.1, 92.6, 92.6, 0.0); (588292.5, 4126335.1, 92.4, 92.4, 0.0);
(588312.5, 4126335.1, 92.5, 92.5, 0.0); (588332.5, 4126335.1, 92.2, 92.2, 0.0);
(588352.5, 4126335.1, 91.3, 91.3, 0.0); (588372.5, 4126335.1, 91.3, 91.3, 0.0);
(588392.5, 4126335.1, 90.8, 90.8, 0.0); (588412.5, 4126335.1, 90.6, 90.6, 0.0);
(587812.5, 4126355.1, 95.6, 95.6, 0.0); (587832.5, 4126355.1, 95.6, 95.6, 0.0);
(587852.5, 4126355.1, 93.0, 95.9, 0.0); (587872.5, 4126355.1, 94.1, 94.1, 0.0);
(587892.5, 4126355.1, 94.8, 94.8, 0.0); (587912.5, 4126355.1, 94.7, 94.7, 0.0);
(587932.5, 4126355.1, 94.6, 94.6, 0.0); (587952.5, 4126355.1, 94.2, 94.2, 0.0);
(587972.5, 4126355.1, 94.0, 94.0, 0.0); (587992.5, 4126355.1, 93.8, 93.8, 0.0);
(588012.5, 4126355.1, 93.6, 93.6, 0.0); (588032.5, 4126355.1, 93.6, 93.6, 0.0);
(588052.5, 4126355.1, 94.0, 94.0, 0.0); (588072.5, 4126355.1, 93.5, 93.5, 0.0);
(588292.5, 4126355.1, 92.3, 92.3, 0.0); (588312.5, 4126355.1, 91.7, 91.7, 0.0);
(588332.5, 4126355.1, 91.4, 91.4, 0.0); (588352.5, 4126355.1, 91.4, 91.4, 0.0);
(588372.5, 4126355.1, 90.7, 90.7, 0.0); (588392.5, 4126355.1, 90.6, 90.6, 0.0);
(588412.5, 4126355.1, 90.7, 90.7, 0.0); (587812.5, 4126375.1, 95.3, 95.3, 0.0);
(587832.5, 4126375.1, 95.4, 95.4, 0.0); (587852.5, 4126375.1, 94.9, 95.9, 0.0);
(587872.5, 4126375.1, 91.7, 95.9, 0.0); (587892.5, 4126375.1, 93.7, 93.7, 0.0);
(587912.5, 4126375.1, 94.7, 94.7, 0.0); (587932.5, 4126375.1, 94.6, 94.6, 0.0);
(587952.5, 4126375.1, 94.2, 94.2, 0.0); (587972.5, 4126375.1, 94.0, 94.0, 0.0);
(587992.5, 4126375.1, 93.5, 93.5, 0.0); (588012.5, 4126375.1, 94.0, 94.0, 0.0);
(588032.5, 4126375.1, 94.1, 94.1, 0.0); (588292.5, 4126375.1, 91.6, 91.6, 0.0);
(588312.5, 4126375.1, 91.7, 91.7, 0.0); (588332.5, 4126375.1, 90.7, 92.0, 0.0);
(588352.5, 4126375.1, 90.8, 90.8, 0.0); (588372.5, 4126375.1, 90.7, 90.7, 0.0);
(588392.5, 4126375.1, 90.5, 90.5, 0.0); (588412.5, 4126375.1, 90.5, 90.5, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 587812.5, 4126395.1,      94.8,      94.8,       0.0);         (
587832.5, 4126395.1,      95.3,      95.3,       0.0);
     ( 587852.5, 4126395.1,      95.1,      95.1,       0.0);         (
587872.5, 4126395.1,      94.7,      94.7,       0.0);
     ( 587892.5, 4126395.1,      91.9,      94.8,       0.0);         (
587912.5, 4126395.1,      91.4,      95.1,       0.0);
     ( 587932.5, 4126395.1,      93.4,      94.5,       0.0);         (
587952.5, 4126395.1,      94.1,      94.1,       0.0);
     ( 587972.5, 4126395.1,      94.0,      94.0,       0.0);         (
587992.5, 4126395.1,      93.8,      93.8,       0.0);
     ( 588012.5, 4126395.1,      93.7,      93.7,       0.0);         (
588292.5, 4126395.1,      91.6,      91.6,       0.0);
     ( 588312.5, 4126395.1,      91.6,      92.1,       0.0);         (
588332.5, 4126395.1,      90.7,      90.7,       0.0);
     ( 588352.5, 4126395.1,      90.7,      90.7,       0.0);         (
588372.5, 4126395.1,      90.4,      90.4,       0.0);
     ( 588392.5, 4126395.1,      90.1,      90.1,       0.0);         (
588412.5, 4126395.1,      89.9,      89.9,       0.0);
     ( 587812.5, 4126415.1,      94.1,      94.1,       0.0);         (
587832.5, 4126415.1,      94.4,      94.4,       0.0);
     ( 587852.5, 4126415.1,      94.1,      94.1,       0.0);         (
587872.5, 4126415.1,      94.0,      94.0,       0.0);
     ( 587892.5, 4126415.1,      93.9,      93.9,       0.0);         (
587912.5, 4126415.1,      93.2,      93.2,       0.0);
     ( 587932.5, 4126415.1,      91.2,      94.8,       0.0);         (
587952.5, 4126415.1,      91.8,      94.4,       0.0);
     ( 587972.5, 4126415.1,      93.6,      94.0,       0.0);         (
587992.5, 4126415.1,      93.8,      93.8,       0.0);
     ( 588332.5, 4126415.1,      91.0,      91.8,       0.0);         (
588352.5, 4126415.1,      90.7,      90.7,       0.0);
     ( 588372.5, 4126415.1,      90.7,      90.7,       0.0);         (
588392.5, 4126415.1,      89.7,      89.7,       0.0);
     ( 588412.5, 4126415.1,      90.2,      90.2,       0.0);         (
587812.5, 4126435.1,      93.8,      93.8,       0.0);
     ( 587832.5, 4126435.1,      94.0,      94.0,       0.0);         (
587852.5, 4126435.1,      93.9,      93.9,       0.0);
     ( 587872.5, 4126435.1,      93.7,      93.7,       0.0);         (
587892.5, 4126435.1,      93.7,      93.7,       0.0);
     ( 587912.5, 4126435.1,      93.8,      93.8,       0.0);         (
587932.5, 4126435.1,      93.7,      93.7,       0.0);
```

(587952.5, 4126435.1, 93.0, 93.0, 0.0); (
587972.5, 4126435.1, 89.9, 94.4, 0.0);
(588352.5, 4126435.1, 90.6, 90.6, 0.0); (
588372.5, 4126435.1, 90.2, 90.2, 0.0);
(588392.5, 4126435.1, 90.1, 90.1, 0.0); (
588412.5, 4126435.1, 90.1, 90.1, 0.0);
(587812.5, 4126455.1, 93.3, 93.3, 0.0); (
587832.5, 4126455.1, 93.3, 93.3, 0.0);
(587852.5, 4126455.1, 93.3, 93.3, 0.0); (
587872.5, 4126455.1, 93.1, 93.1, 0.0);
(587892.5, 4126455.1, 93.0, 93.0, 0.0); (
587912.5, 4126455.1, 93.3, 93.3, 0.0);
(587932.5, 4126455.1, 93.6, 93.6, 0.0); (
587952.5, 4126455.1, 93.6, 93.6, 0.0);
(587972.5, 4126455.1, 93.0, 93.0, 0.0); (
588372.5, 4126455.1, 90.0, 90.0, 0.0);
(588392.5, 4126455.1, 89.8, 89.8, 0.0); (
588412.5, 4126455.1, 90.2, 90.2, 0.0);
(587812.5, 4126475.1, 94.0, 94.0, 0.0); (
587832.5, 4126475.1, 93.9, 93.9, 0.0);
(587852.5, 4126475.1, 93.8, 93.8, 0.0); (
587872.5, 4126475.1, 93.6, 93.6, 0.0);
(587892.5, 4126475.1, 93.6, 93.6, 0.0); (
587912.5, 4126475.1, 93.1, 93.1, 0.0);
(587932.5, 4126475.1, 93.1, 93.1, 0.0); (
587952.5, 4126475.1, 93.3, 93.3, 0.0);
(587972.5, 4126475.1, 93.1, 93.1, 0.0); (
588412.5, 4126475.1, 89.8, 89.8, 0.0);
(587812.5, 4126495.1, 94.3, 94.3, 0.0); (
587832.5, 4126495.1, 94.1, 94.1, 0.0);
(587852.5, 4126495.1, 93.8, 93.8, 0.0); (
587872.5, 4126495.1, 93.8, 93.8, 0.0);
(587892.5, 4126495.1, 93.5, 93.5, 0.0); (
587912.5, 4126495.1, 93.4, 93.4, 0.0);
(587932.5, 4126495.1, 92.7, 92.7, 0.0); (
587952.5, 4126495.1, 93.2, 93.2, 0.0);
(587972.5, 4126495.1, 93.4, 93.4, 0.0); (
587812.5, 4126515.1, 93.7, 93.7, 0.0);
(587832.5, 4126515.1, 93.6, 93.6, 0.0); (
587852.5, 4126515.1, 93.6, 93.6, 0.0);
(587872.5, 4126515.1, 93.5, 93.5, 0.0); (
587892.5, 4126515.1, 93.7, 93.7, 0.0);
(587912.5, 4126515.1, 93.2, 93.2, 0.0); (
587932.5, 4126515.1, 93.0, 93.0, 0.0);
(587952.5, 4126515.1, 92.6, 92.6, 0.0); (
587972.5, 4126515.1, 93.3, 93.3, 0.0);
(587812.5, 4126535.1, 93.5, 93.5, 0.0); (
587832.5, 4126535.1, 93.4, 93.4, 0.0);
(587852.5, 4126535.1, 93.2, 93.2, 0.0); (
587872.5, 4126535.1, 93.3, 93.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(587892.5, 4126535.1, 93.1, 93.1, 0.0); (587912.5, 4126535.1, 93.3, 93.3, 0.0);
(587932.5, 4126535.1, 93.2, 93.2, 0.0); (587952.5, 4126535.1, 92.7, 92.7, 0.0);
(587972.5, 4126535.1, 92.8, 92.8, 0.0); (587992.5, 4126535.1, 93.3, 93.3, 0.0);
(588012.5, 4126535.1, 93.0, 93.0, 0.0); (588032.5, 4126535.1, 92.9, 92.9, 0.0);
(587812.5, 4126555.1, 93.3, 93.3, 0.0); (587832.5, 4126555.1, 93.0, 93.0, 0.0);
(587852.5, 4126555.1, 92.5, 92.5, 0.0); (587872.5, 4126555.1, 93.0, 93.0, 0.0);
(587892.5, 4126555.1, 93.0, 93.0, 0.0); (587912.5, 4126555.1, 92.7, 92.7, 0.0);
(587932.5, 4126555.1, 93.1, 93.1, 0.0); (587952.5, 4126555.1, 93.2, 93.2, 0.0);
(587972.5, 4126555.1, 92.4, 92.4, 0.0); (587992.5, 4126555.1, 93.1, 93.1, 0.0);
(588012.5, 4126555.1, 93.2, 93.2, 0.0); (588032.5, 4126555.1, 93.0, 93.0, 0.0);
(587812.5, 4126575.1, 92.7, 92.7, 0.0); (587832.5, 4126575.1, 92.7, 92.7, 0.0);
(587852.5, 4126575.1, 92.3, 92.3, 0.0); (587872.5, 4126575.1, 92.7, 92.7, 0.0);
(587892.5, 4126575.1, 92.7, 92.7, 0.0); (587912.5, 4126575.1, 92.6, 92.6, 0.0);
(587932.5, 4126575.1, 92.9, 92.9, 0.0); (587952.5, 4126575.1, 92.8, 92.8, 0.0);
(587972.5, 4126575.1, 92.7, 92.7, 0.0); (587992.5, 4126575.1, 92.7, 92.7, 0.0);
(588012.5, 4126575.1, 93.2, 93.2, 0.0); (588032.5, 4126575.1, 92.9, 92.9, 0.0);
(588052.5, 4126575.1, 92.3, 92.3, 0.0); (587812.5, 4126595.1, 92.5, 92.5, 0.0);
(587832.5, 4126595.1, 92.5, 92.5, 0.0); (587852.5, 4126595.1, 91.8, 91.8, 0.0);
(587872.5, 4126595.1, 92.2, 92.2, 0.0); (587892.5, 4126595.1, 92.1, 92.1, 0.0);
(587912.5, 4126595.1, 91.8, 91.8, 0.0); (587932.5, 4126595.1, 92.0, 92.0, 0.0);

(587952.5, 4126595.1, 92.1, 92.1, 0.0); (587972.5, 4126595.1, 92.2, 92.2, 0.0);
(587992.5, 4126595.1, 92.8, 92.8, 0.0); (588012.5, 4126595.1, 93.0, 93.0, 0.0);
(588032.5, 4126595.1, 92.8, 92.8, 0.0); (588052.5, 4126595.1, 92.4, 92.4, 0.0);
(588312.5, 4126595.1, 90.2, 90.2, 0.0); (588332.5, 4126595.1, 89.4, 89.4, 0.0);
(588352.5, 4126595.1, 89.2, 89.2, 0.0); (588372.5, 4126595.1, 89.6, 89.6, 0.0);
(588392.5, 4126595.1, 89.2, 89.2, 0.0); (588412.5, 4126595.1, 88.9, 88.9, 0.0);
(587812.5, 4126615.1, 91.6, 91.6, 0.0); (587832.5, 4126615.1, 92.3, 92.3, 0.0);
(587852.5, 4126615.1, 92.2, 92.2, 0.0); (587872.5, 4126615.1, 92.2, 92.2, 0.0);
(587892.5, 4126615.1, 92.2, 92.2, 0.0); (587912.5, 4126615.1, 92.2, 92.2, 0.0);
(587932.5, 4126615.1, 92.5, 92.5, 0.0); (587952.5, 4126615.1, 92.6, 92.6, 0.0);
(587972.5, 4126615.1, 92.2, 92.2, 0.0); (587992.5, 4126615.1, 92.6, 92.6, 0.0);
(588012.5, 4126615.1, 92.8, 92.8, 0.0); (588032.5, 4126615.1, 92.6, 92.6, 0.0);
(588052.5, 4126615.1, 92.3, 92.3, 0.0); (588252.5, 4126615.1, 90.6, 90.6, 0.0);
(588272.5, 4126615.1, 90.6, 90.6, 0.0); (588292.5, 4126615.1, 90.4, 90.4, 0.0);
(588312.5, 4126615.1, 90.0, 90.0, 0.0); (588332.5, 4126615.1, 89.8, 89.8, 0.0);
(588352.5, 4126615.1, 89.0, 89.0, 0.0); (588372.5, 4126615.1, 89.3, 89.3, 0.0);
(588392.5, 4126615.1, 88.8, 88.8, 0.0); (588412.5, 4126615.1, 88.4, 88.4, 0.0);
(587812.5, 4126635.1, 92.1, 92.1, 0.0); (587832.5, 4126635.1, 92.3, 92.3, 0.0);
(587852.5, 4126635.1, 92.4, 92.4, 0.0); (587872.5, 4126635.1, 92.4, 92.4, 0.0);
(587892.5, 4126635.1, 92.5, 92.5, 0.0); (587912.5, 4126635.1, 92.7, 92.7, 0.0);
(587932.5, 4126635.1, 92.5, 92.5, 0.0); (587952.5, 4126635.1, 92.6, 92.6, 0.0);
(587972.5, 4126635.1, 92.0, 92.0, 0.0); (587992.5, 4126635.1, 92.5, 92.5, 0.0);
(588012.5, 4126635.1, 92.8, 92.8, 0.0); (588032.5, 4126635.1, 92.3, 92.3, 0.0);
(588052.5, 4126635.1, 92.0, 92.0, 0.0); (588212.5, 4126635.1, 91.0, 91.0, 0.0);
(588232.5, 4126635.1, 90.9, 90.9, 0.0); (588252.5, 4126635.1, 90.7, 90.7, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(588272.5, 4126635.1, 90.4, 90.4, 0.0); (588292.5, 4126635.1, 90.1, 90.1, 0.0);
(588312.5, 4126635.1, 90.1, 90.1, 0.0); (588332.5, 4126635.1, 89.8, 89.8, 0.0);
(588352.5, 4126635.1, 88.9, 88.9, 0.0); (588372.5, 4126635.1, 88.5, 88.5, 0.0);
(588392.5, 4126635.1, 88.6, 88.6, 0.0); (588412.5, 4126635.1, 88.7, 88.7, 0.0);
(587812.5, 4126655.1, 92.0, 92.0, 0.0); (587832.5, 4126655.1, 91.9, 91.9, 0.0);
(587852.5, 4126655.1, 91.8, 91.8, 0.0); (587872.5, 4126655.1, 91.6, 91.6, 0.0);
(587892.5, 4126655.1, 91.8, 91.8, 0.0); (587912.5, 4126655.1, 91.9, 91.9, 0.0);
(587932.5, 4126655.1, 92.0, 92.0, 0.0); (587952.5, 4126655.1, 92.0, 92.0, 0.0);
(587972.5, 4126655.1, 91.9, 91.9, 0.0); (587992.5, 4126655.1, 91.9, 91.9, 0.0);
(588012.5, 4126655.1, 91.8, 91.8, 0.0); (588032.5, 4126655.1, 91.9, 91.9, 0.0);
(588172.5, 4126655.1, 91.4, 91.4, 0.0); (588192.5, 4126655.1, 91.4, 91.4, 0.0);
(588212.5, 4126655.1, 91.1, 91.1, 0.0); (588232.5, 4126655.1, 90.7, 90.7, 0.0);
(588252.5, 4126655.1, 90.6, 90.6, 0.0); (588272.5, 4126655.1, 90.4, 90.4, 0.0);
(588292.5, 4126655.1, 90.2, 90.2, 0.0); (588312.5, 4126655.1, 90.1, 90.1, 0.0);
(588332.5, 4126655.1, 89.9, 89.9, 0.0); (588352.5, 4126655.1, 89.2, 89.2, 0.0);
(588372.5, 4126655.1, 89.2, 89.2, 0.0); (588392.5, 4126655.1, 89.3, 89.3, 0.0);
(588412.5, 4126655.1, 89.2, 89.2, 0.0); (587812.5, 4126675.1, 91.3, 91.3, 0.0);
(587832.5, 4126675.1, 91.4, 91.4, 0.0); (587852.5, 4126675.1, 91.3, 91.3, 0.0);
(587872.5, 4126675.1, 91.4, 91.4, 0.0); (587892.5, 4126675.1, 91.2, 91.2, 0.0);
(587912.5, 4126675.1, 91.3, 91.3, 0.0); (587932.5, 4126675.1, 91.8, 91.8, 0.0);

(587952.5, 4126675.1, 91.8, 91.8, 0.0); (587972.5, 4126675.1, 91.8, 91.8, 0.0);
(587992.5, 4126675.1, 91.7, 91.7, 0.0); (588012.5, 4126675.1, 91.7, 91.7, 0.0);
(588032.5, 4126675.1, 91.6, 91.6, 0.0); (588052.5, 4126675.1, 91.5, 91.5, 0.0);
(588072.5, 4126675.1, 91.1, 91.7, 0.0); (588092.5, 4126675.1, 89.0, 92.0, 0.0);
(588112.5, 4126675.1, 91.3, 91.3, 0.0); (588132.5, 4126675.1, 91.2, 91.2, 0.0);
(588152.5, 4126675.1, 90.9, 90.9, 0.0); (588172.5, 4126675.1, 91.0, 91.0, 0.0);
(588192.5, 4126675.1, 91.1, 91.1, 0.0); (588212.5, 4126675.1, 90.8, 90.8, 0.0);
(588232.5, 4126675.1, 90.7, 90.7, 0.0); (588252.5, 4126675.1, 90.4, 90.4, 0.0);
(588272.5, 4126675.1, 90.1, 90.1, 0.0); (588292.5, 4126675.1, 90.1, 90.1, 0.0);
(588312.5, 4126675.1, 90.1, 90.1, 0.0); (588332.5, 4126675.1, 89.7, 89.7, 0.0);
(588352.5, 4126675.1, 89.6, 89.6, 0.0); (588372.5, 4126675.1, 89.4, 89.4, 0.0);
(588392.5, 4126675.1, 89.2, 89.2, 0.0); (588412.5, 4126675.1, 88.8, 88.8, 0.0);
(587812.5, 4126695.1, 91.1, 91.1, 0.0); (587832.5, 4126695.1, 91.0, 91.0, 0.0);
(587852.5, 4126695.1, 91.0, 91.0, 0.0); (587872.5, 4126695.1, 90.8, 90.8, 0.0);
(587892.5, 4126695.1, 90.7, 90.7, 0.0); (587912.5, 4126695.1, 91.3, 91.3, 0.0);
(587932.5, 4126695.1, 91.6, 91.6, 0.0); (587952.5, 4126695.1, 91.6, 91.6, 0.0);
(587972.5, 4126695.1, 91.5, 91.5, 0.0); (587992.5, 4126695.1, 91.5, 91.5, 0.0);
(588012.5, 4126695.1, 91.5, 91.5, 0.0); (588032.5, 4126695.1, 91.2, 91.2, 0.0);
(588052.5, 4126695.1, 91.2, 91.2, 0.0); (588072.5, 4126695.1, 90.0, 91.7, 0.0);
(588092.5, 4126695.1, 86.8, 92.1, 0.0); (588112.5, 4126695.1, 91.0, 91.0, 0.0);
(588132.5, 4126695.1, 91.2, 91.2, 0.0); (588152.5, 4126695.1, 90.8, 90.8, 0.0);
(588172.5, 4126695.1, 90.6, 90.6, 0.0); (588192.5, 4126695.1, 90.8, 90.8, 0.0);
(588212.5, 4126695.1, 90.4, 90.4, 0.0); (588232.5, 4126695.1, 90.5, 90.5, 0.0);
(588252.5, 4126695.1, 90.0, 90.0, 0.0); (588272.5, 4126695.1, 90.1, 90.1, 0.0);
(588292.5, 4126695.1, 90.1, 90.1, 0.0); (588312.5, 4126695.1, 89.8, 89.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(588332.5, 4126695.1, 89.5, 89.5, 0.0); (588352.5, 4126695.1, 89.6, 89.6, 0.0);
(588372.5, 4126695.1, 89.1, 89.1, 0.0); (588392.5, 4126695.1, 89.0, 89.0, 0.0);
(588412.5, 4126695.1, 88.8, 88.8, 0.0); (587812.5, 4126715.1, 90.6, 90.6, 0.0);
(587832.5, 4126715.1, 90.8, 90.8, 0.0); (587852.5, 4126715.1, 90.7, 90.7, 0.0);
(587872.5, 4126715.1, 90.3, 90.3, 0.0); (587892.5, 4126715.1, 90.1, 90.1, 0.0);
(587912.5, 4126715.1, 90.8, 90.8, 0.0); (587932.5, 4126715.1, 91.1, 91.1, 0.0);
(587952.5, 4126715.1, 91.6, 91.6, 0.0); (587972.5, 4126715.1, 91.0, 91.0, 0.0);
(587992.5, 4126715.1, 91.2, 91.2, 0.0); (588012.5, 4126715.1, 91.2, 91.2, 0.0);
(588032.5, 4126715.1, 91.2, 91.2, 0.0); (588052.5, 4126715.1, 91.0, 91.0, 0.0);
(588072.5, 4126715.1, 87.3, 91.7, 0.0); (588092.5, 4126715.1, 90.3, 90.3, 0.0);
(588112.5, 4126715.1, 91.0, 91.0, 0.0); (588132.5, 4126715.1, 91.0, 91.0, 0.0);
(588152.5, 4126715.1, 90.5, 90.5, 0.0); (588172.5, 4126715.1, 90.5, 90.5, 0.0);
(588192.5, 4126715.1, 90.7, 90.7, 0.0); (588212.5, 4126715.1, 90.4, 90.4, 0.0);
(588232.5, 4126715.1, 90.2, 90.2, 0.0); (588252.5, 4126715.1, 89.9, 89.9, 0.0);
(588272.5, 4126715.1, 90.2, 90.2, 0.0); (588292.5, 4126715.1, 90.0, 90.0, 0.0);
(588312.5, 4126715.1, 89.7, 89.7, 0.0); (588332.5, 4126715.1, 89.7, 89.7, 0.0);
(588352.5, 4126715.1, 89.4, 89.4, 0.0); (588372.5, 4126715.1, 89.0, 89.0, 0.0);
(588392.5, 4126715.1, 88.6, 88.6, 0.0); (588412.5, 4126715.1, 88.5, 88.5, 0.0);
(587812.5, 4126735.1, 90.4, 90.4, 0.0); (587832.5, 4126735.1, 90.7, 90.7, 0.0);
(587852.5, 4126735.1, 90.6, 90.6, 0.0); (587872.5, 4126735.1, 90.3, 90.3, 0.0);

(587892.5, 4126735.1, 89.8, 89.8, 0.0); (587912.5, 4126735.1, 90.3, 90.3, 0.0);
(587932.5, 4126735.1, 90.7, 90.7, 0.0); (587952.5, 4126735.1, 91.6, 91.6, 0.0);
(587972.5, 4126735.1, 91.1, 91.1, 0.0); (587992.5, 4126735.1, 90.8, 90.8, 0.0);
(588012.5, 4126735.1, 91.2, 91.2, 0.0); (588032.5, 4126735.1, 91.2, 91.2, 0.0);
(588052.5, 4126735.1, 90.9, 90.9, 0.0); (588072.5, 4126735.1, 87.5, 91.8, 0.0);
(588092.5, 4126735.1, 91.1, 91.1, 0.0); (588112.5, 4126735.1, 90.9, 90.9, 0.0);
(588132.5, 4126735.1, 90.8, 90.8, 0.0); (588152.5, 4126735.1, 90.2, 90.2, 0.0);
(588172.5, 4126735.1, 90.5, 90.5, 0.0); (588192.5, 4126735.1, 90.4, 90.4, 0.0);
(588212.5, 4126735.1, 90.2, 90.2, 0.0); (588232.5, 4126735.1, 90.1, 90.1, 0.0);
(588252.5, 4126735.1, 89.7, 89.7, 0.0); (588272.5, 4126735.1, 90.0, 90.0, 0.0);
(588292.5, 4126735.1, 89.9, 89.9, 0.0); (588312.5, 4126735.1, 89.7, 89.7, 0.0);
(588332.5, 4126735.1, 89.3, 89.3, 0.0); (588352.5, 4126735.1, 88.8, 88.8, 0.0);
(588372.5, 4126735.1, 88.8, 88.8, 0.0); (588392.5, 4126735.1, 88.8, 88.8, 0.0);
(588412.5, 4126735.1, 88.7, 88.7, 0.0); (587812.5, 4126755.1, 90.2, 90.2, 0.0);
(587832.5, 4126755.1, 90.3, 90.3, 0.0); (587852.5, 4126755.1, 90.4, 90.4, 0.0);
(587872.5, 4126755.1, 90.3, 90.3, 0.0); (587892.5, 4126755.1, 89.5, 89.5, 0.0);
(587912.5, 4126755.1, 90.1, 90.1, 0.0); (587932.5, 4126755.1, 90.3, 90.3, 0.0);
(587952.5, 4126755.1, 91.3, 91.3, 0.0); (587972.5, 4126755.1, 91.1, 91.1, 0.0);
(587992.5, 4126755.1, 90.2, 90.2, 0.0); (588012.5, 4126755.1, 90.9, 90.9, 0.0);
(588032.5, 4126755.1, 91.0, 91.0, 0.0); (588052.5, 4126755.1, 90.7, 90.7, 0.0);
(588072.5, 4126755.1, 90.1, 91.0, 0.0); (588092.5, 4126755.1, 88.6, 91.1, 0.0);
(588112.5, 4126755.1, 90.6, 90.6, 0.0); (588132.5, 4126755.1, 90.7, 90.7, 0.0);
(588152.5, 4126755.1, 90.1, 90.1, 0.0); (588172.5, 4126755.1, 90.3, 90.3, 0.0);
(588192.5, 4126755.1, 90.4, 90.4, 0.0); (588212.5, 4126755.1, 90.1, 90.1, 0.0);
(588232.5, 4126755.1, 89.9, 89.9, 0.0); (588252.5, 4126755.1, 89.7, 89.7, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(588272.5, 4126755.1, 89.6, 89.6, 0.0); (588292.5, 4126755.1, 89.2, 89.2, 0.0);
(588312.5, 4126755.1, 89.1, 89.1, 0.0); (588332.5, 4126755.1, 89.0, 89.0, 0.0);
(588352.5, 4126755.1, 89.1, 89.1, 0.0); (588372.5, 4126755.1, 89.1, 89.1, 0.0);
(588392.5, 4126755.1, 89.1, 89.1, 0.0); (588412.5, 4126755.1, 88.6, 88.6, 0.0);
(587812.5, 4126775.1, 89.8, 89.8, 0.0); (587832.5, 4126775.1, 90.2, 90.2, 0.0);
(587852.5, 4126775.1, 90.3, 90.3, 0.0); (587872.5, 4126775.1, 90.1, 90.1, 0.0);
(587892.5, 4126775.1, 89.4, 89.4, 0.0); (587912.5, 4126775.1, 89.9, 89.9, 0.0);
(587932.5, 4126775.1, 90.1, 90.1, 0.0); (587952.5, 4126775.1, 91.0, 91.0, 0.0);
(587972.5, 4126775.1, 91.1, 91.1, 0.0); (587992.5, 4126775.1, 90.2, 90.2, 0.0);
(588012.5, 4126775.1, 90.2, 90.2, 0.0); (588032.5, 4126775.1, 90.7, 90.7, 0.0);
(588052.5, 4126775.1, 90.4, 90.4, 0.0); (588072.5, 4126775.1, 90.6, 90.6, 0.0);
(588092.5, 4126775.1, 86.2, 91.8, 0.0); (588112.5, 4126775.1, 90.6, 90.6, 0.0);
(588132.5, 4126775.1, 90.7, 90.7, 0.0); (588152.5, 4126775.1, 90.0, 90.0, 0.0);
(588172.5, 4126775.1, 90.0, 90.0, 0.0); (588192.5, 4126775.1, 90.0, 90.0, 0.0);
(588212.5, 4126775.1, 89.8, 89.8, 0.0); (588232.5, 4126775.1, 89.8, 89.8, 0.0);
(588252.5, 4126775.1, 89.2, 89.2, 0.0); (588272.5, 4126775.1, 89.2, 89.2, 0.0);
(588292.5, 4126775.1, 89.2, 89.2, 0.0); (588312.5, 4126775.1, 89.2, 89.2, 0.0);
(588332.5, 4126775.1, 89.1, 89.1, 0.0); (588352.5, 4126775.1, 89.0, 89.0, 0.0);
(588372.5, 4126775.1, 88.6, 88.6, 0.0); (588392.5, 4126775.1, 88.4, 88.4, 0.0);
(588412.5, 4126775.1, 88.3, 88.3, 0.0); (587812.5, 4126795.1, 89.6, 89.6, 0.0);

(587832.5, 4126795.1, 89.9, 89.9, 0.0); (587852.5, 4126795.1, 90.4, 90.4, 0.0);
(587872.5, 4126795.1, 90.2, 90.2, 0.0); (587892.5, 4126795.1, 89.3, 89.3, 0.0);
(587912.5, 4126795.1, 89.6, 89.6, 0.0); (587932.5, 4126795.1, 89.8, 89.8, 0.0);
(587952.5, 4126795.1, 89.5, 91.0, 0.0); (587972.5, 4126795.1, 89.6, 89.6, 0.0);
(587992.5, 4126795.1, 89.4, 89.4, 0.0); (588012.5, 4126795.1, 89.9, 89.9, 0.0);
(588032.5, 4126795.1, 90.5, 90.5, 0.0); (588052.5, 4126795.1, 90.3, 90.3, 0.0);
(588072.5, 4126795.1, 90.5, 90.5, 0.0); (588092.5, 4126795.1, 90.0, 90.4, 0.0);
(588112.5, 4126795.1, 88.7, 90.7, 0.0); (588132.5, 4126795.1, 90.3, 90.3, 0.0);
(588152.5, 4126795.1, 90.0, 90.0, 0.0); (588172.5, 4126795.1, 89.9, 89.9, 0.0);
(588192.5, 4126795.1, 89.5, 89.5, 0.0); (588212.5, 4126795.1, 89.4, 89.4, 0.0);
(588232.5, 4126795.1, 89.4, 89.4, 0.0); (588252.5, 4126795.1, 89.5, 89.5, 0.0);
(588272.5, 4126795.1, 89.5, 89.5, 0.0); (588292.5, 4126795.1, 89.5, 89.5, 0.0);
(588312.5, 4126795.1, 89.0, 89.0, 0.0); (588332.5, 4126795.1, 88.8, 88.8, 0.0);
(588352.5, 4126795.1, 88.6, 88.6, 0.0); (588372.5, 4126795.1, 88.5, 88.5, 0.0);
(588392.5, 4126795.1, 88.4, 88.4, 0.0); (588412.5, 4126795.1, 87.7, 87.7, 0.0);
(587812.5, 4126815.1, 89.6, 89.6, 0.0); (587832.5, 4126815.1, 89.8, 89.8, 0.0);
(587852.5, 4126815.1, 90.1, 90.1, 0.0); (587872.5, 4126815.1, 89.9, 89.9, 0.0);
(587892.5, 4126815.1, 89.2, 89.2, 0.0); (587912.5, 4126815.1, 89.5, 89.5, 0.0);
(587932.5, 4126815.1, 89.6, 89.6, 0.0); (587952.5, 4126815.1, 89.5, 89.5, 0.0);
(587972.5, 4126815.1, 89.3, 89.3, 0.0); (587992.5, 4126815.1, 89.1, 89.1, 0.0);
(588012.5, 4126815.1, 89.4, 89.4, 0.0); (588032.5, 4126815.1, 90.2, 90.2, 0.0);
(588052.5, 4126815.1, 90.0, 90.0, 0.0); (588072.5, 4126815.1, 90.1, 90.1, 0.0);
(588092.5, 4126815.1, 90.1, 90.1, 0.0); (588112.5, 4126815.1, 86.1, 90.8, 0.0);
(588132.5, 4126815.1, 90.2, 90.2, 0.0); (588152.5, 4126815.1, 90.0, 90.0, 0.0);
(588172.5, 4126815.1, 89.5, 89.5, 0.0); (588192.5, 4126815.1, 89.5, 89.5, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 588212.5, 4126815.1,      89.6,      89.6,       0.0);         (
588232.5, 4126815.1,      89.6,      89.6,       0.0);
     ( 588252.5, 4126815.1,      89.5,      89.5,       0.0);         (
588272.5, 4126815.1,      89.4,      89.4,       0.0);
     ( 588292.5, 4126815.1,      89.0,      89.0,       0.0);         (
588312.5, 4126815.1,      88.8,      88.8,       0.0);
     ( 588332.5, 4126815.1,      88.9,      88.9,       0.0);         (
588352.5, 4126815.1,      88.6,      88.6,       0.0);
     ( 588372.5, 4126815.1,      87.4,      87.4,       0.0);         (
588392.5, 4126815.1,      87.5,      87.5,       0.0);
     ( 588412.5, 4126815.1,      87.8,      87.8,       0.0);         (
587812.5, 4126835.1,      89.2,      89.2,       0.0);
     ( 587832.5, 4126835.1,      89.2,      89.2,       0.0);         (
587852.5, 4126835.1,      89.4,      89.4,       0.0);
     ( 587872.5, 4126835.1,      89.2,      89.2,       0.0);         (
587892.5, 4126835.1,      88.9,      88.9,       0.0);
     ( 587912.5, 4126835.1,      88.7,      88.7,       0.0);         (
587932.5, 4126835.1,      88.7,      88.7,       0.0);
     ( 587952.5, 4126835.1,      88.6,      88.6,       0.0);         (
587972.5, 4126835.1,      88.6,      88.6,       0.0);
     ( 587992.5, 4126835.1,      88.6,      88.6,       0.0);         (
588012.5, 4126835.1,      89.2,      89.7,       0.0);
     ( 588032.5, 4126835.1,      90.1,      90.1,       0.0);         (
588052.5, 4126835.1,      89.7,      89.7,       0.0);
     ( 588072.5, 4126835.1,      89.7,      89.7,       0.0);         (
588092.5, 4126835.1,      89.8,      89.8,       0.0);
     ( 588112.5, 4126835.1,      87.3,      90.3,       0.0);         (
588132.5, 4126835.1,      90.1,      90.1,       0.0);
     ( 588152.5, 4126835.1,      89.8,      89.8,       0.0);         (
588172.5, 4126835.1,      89.5,      89.5,       0.0);
     ( 588192.5, 4126835.1,      89.3,      89.3,       0.0);         (
588212.5, 4126835.1,      89.4,      89.4,       0.0);
     ( 588232.5, 4126835.1,      89.4,      89.4,       0.0);         (
588252.5, 4126835.1,      88.9,      88.9,       0.0);
     ( 588272.5, 4126835.1,      88.9,      88.9,       0.0);         (
588292.5, 4126835.1,      88.6,      88.6,       0.0);
     ( 588312.5, 4126835.1,      88.6,      88.6,       0.0);         (
588332.5, 4126835.1,      88.8,      88.8,       0.0);
     ( 588352.5, 4126835.1,      88.7,      88.7,       0.0);         (
588372.5, 4126835.1,      87.5,      88.1,       0.0);
```

(588392.5, 4126835.1, 88.1, 88.1, 0.0); (588412.5, 4126835.1, 88.0, 88.0, 0.0);
(587812.5, 4126855.1, 89.8, 89.8, 0.0); (587832.5, 4126855.1, 89.7, 89.7, 0.0);
(587852.5, 4126855.1, 89.6, 89.6, 0.0); (587872.5, 4126855.1, 89.6, 89.6, 0.0);
(587892.5, 4126855.1, 89.7, 89.7, 0.0); (587912.5, 4126855.1, 89.5, 89.5, 0.0);
(587932.5, 4126855.1, 89.5, 89.5, 0.0); (587952.5, 4126855.1, 89.4, 89.4, 0.0);
(587972.5, 4126855.1, 89.4, 89.4, 0.0); (587992.5, 4126855.1, 88.9, 88.9, 0.0);
(588012.5, 4126855.1, 88.9, 88.9, 0.0); (588032.5, 4126855.1, 89.8, 89.8, 0.0);
(588052.5, 4126855.1, 89.6, 89.6, 0.0); (588072.5, 4126855.1, 89.4, 89.4, 0.0);
(588092.5, 4126855.1, 89.2, 89.2, 0.0); (588112.5, 4126855.1, 89.4, 89.4, 0.0);
(588132.5, 4126855.1, 88.7, 90.2, 0.0); (588152.5, 4126855.1, 89.6, 89.6, 0.0);
(588172.5, 4126855.1, 89.5, 89.5, 0.0); (588192.5, 4126855.1, 89.0, 89.0, 0.0);
(588212.5, 4126855.1, 89.2, 89.2, 0.0); (588232.5, 4126855.1, 89.2, 89.2, 0.0);
(588252.5, 4126855.1, 88.8, 88.8, 0.0); (588272.5, 4126855.1, 88.6, 88.6, 0.0);
(588292.5, 4126855.1, 88.0, 88.0, 0.0); (588312.5, 4126855.1, 88.3, 88.3, 0.0);
(588332.5, 4126855.1, 88.5, 88.5, 0.0); (588352.5, 4126855.1, 88.2, 88.2, 0.0);
(588372.5, 4126855.1, 87.2, 87.2, 0.0); (588392.5, 4126855.1, 87.6, 87.6, 0.0);
(588412.5, 4126855.1, 87.7, 87.7, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN 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 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 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,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PalmVillas Saratoga Const.SFC
Met Version: 18081
Profile file: PalmVillas Saratoga Const.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23293 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2009 Year: 2009

First 24 hours of scalar data

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O LEN	Z0	BOWEN	ALBEDO	REF WS	WD	HT	REF TA	HT
13	01	01	1	01	-17.4	0.169	-9.000	-9.000	-999.	167.	31.4	0.02	2.57	1.00	2.62	136.	7.9	277.0	2.0
13	01	01	1	02	-12.5	0.137	-9.000	-9.000	-999.	122.	20.8	0.02	2.57	1.00	2.16	129.	7.9	277.0	2.0
13	01	01	1	03	-4.1	0.080	-9.000	-9.000	-999.	55.	11.3	0.05	2.57	1.00	1.14	227.	7.9	276.4	2.0
13	01	01	1	04	-6.8	0.103	-9.000	-9.000	-999.	80.	14.8	0.05	2.57	1.00	1.43	102.	7.9	276.4	2.0
13	01	01	1	05	-10.0	0.126	-9.000	-9.000	-999.	108.	18.3	0.05	2.57	1.00	1.72	79.	7.9	277.0	2.0
13	01	01	1	06	-6.3	0.096	-9.000	-9.000	-999.	71.	12.8	0.02	2.57	1.00	1.55	153.	7.9	277.5	2.0
13	01	01	1	07	-2.4	0.062	-9.000	-9.000	-999.	37.	9.0	0.02	2.57	1.00	0.92	171.	7.9	277.5	2.0
13	01	01	1	08	-7.0	0.105	-9.000	-9.000	-999.	82.	15.0	0.05	2.57	0.74	1.45	6.	7.9	277.5	2.0
13	01	01	1	09	-0.3	0.039	-9.000	-9.000	-999.	21.	19.3	0.02	2.57	0.39	0.62	119.	7.9	279.2	2.0
13	01	01	1	10	65.7	0.147	0.659	0.005	159.	135.	-4.4	0.05	2.57	0.27	1.37	228.	7.9	280.9	2.0
13	01	01	1	11	118.0	0.197	1.211	0.006	550.	209.	-5.9	0.05	2.57	0.23	1.91	208.	7.9	281.4	2.0
13	01	01	1	12	147.9	0.180	1.536	0.008	894.	184.	-3.6	0.05	2.57	0.21	1.64	225.	7.9	283.1	2.0
13	01	01	1	13	152.7	0.150	1.579	0.007	941.	139.	-2.0	0.02	2.57	0.21	1.54	302.	7.9	283.8	2.0

```
 13 01 01   1 14  132.9  0.201  1.528  0.006  980.  216.     -5.6  0.05
2.57   0.22    1.94  277.    7.9  284.9    2.0
 13 01 01   1 15   89.1  0.138  1.349  0.005 1005.  124.     -2.7  0.02
2.57   0.25    1.48  308.    7.9  285.4    2.0
 13 01 01   1 16   25.1  0.174  0.887  0.005 1012.  174.    -19.0  0.05
2.57   0.33    1.86   10.    7.9  285.4    2.0
 13 01 01   1 17  -18.7  0.221 -9.000 -9.000 -999.  249.     53.5  0.05
2.57   0.57    2.89   12.    7.9  283.8    2.0
 13 01 01   1 18  -15.5  0.159 -9.000 -9.000 -999.  153.     27.9  0.05
2.57   1.00    2.13  353.    7.9  282.5    2.0
 13 01 01   1 19  -18.6  0.183 -9.000 -9.000 -999.  188.     36.9  0.05
2.57   1.00    2.50  225.    7.9  280.9    2.0
 13 01 01   1 20   -4.1  0.078 -9.000 -9.000 -999.   59.     10.5  0.02
2.57   1.00    1.26  136.    7.9  280.4    2.0
 13 01 01   1 21  -11.8  0.133 -9.000 -9.000 -999.  117.     19.6  0.02
2.57   1.00    2.10  125.    7.9  278.8    2.0
 13 01 01   1 22   -7.6  0.106 -9.000 -9.000 -999.   83.     14.3  0.02
2.57   1.00    1.70  110.    7.9  277.5    2.0
 13 01 01   1 23   -6.2  0.095 -9.000 -9.000 -999.   71.     12.7  0.02
2.57   1.00    1.54  146.    7.9  277.0    2.0
 13 01 01   1 24  -15.2  0.152 -9.000 -9.000 -999.  142.     25.4  0.02
2.57   1.00    2.37  130.    7.9  277.0    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01    7.9 1  136.    2.62   277.1   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587812.50	4126255.10	0.57372	587832.50	4126255.10	0.65480
587852.50	4126255.10	0.70725	587872.50	4126255.10	0.72950
587892.50	4126255.10	0.78203	587912.50	4126255.10	0.83200
587932.50	4126255.10	0.88621	587952.50	4126255.10	0.94571
587972.50	4126255.10	0.98870	587992.50	4126255.10	1.05063
588012.50	4126255.10	1.13025	588032.50	4126255.10	1.19235
588052.50	4126255.10	1.25919	588072.50	4126255.10	1.31986
588092.50	4126255.10	1.38367	588112.50	4126255.10	1.45055
588132.50	4126255.10	1.52703	588152.50	4126255.10	1.62101
588172.50	4126255.10	1.71211	588192.50	4126255.10	1.82802
588212.50	4126255.10	1.95292	588232.50	4126255.10	2.11631
588252.50	4126255.10	2.33703	588272.50	4126255.10	2.53774

588292.50 4126255.10 2.77854
588312.50 4126255.10 3.04503
588332.50 4126255.10 3.30731
588352.50 4126255.10 3.56178
588372.50 4126255.10 3.77707
588392.50 4126255.10 3.97368
588412.50 4126255.10 4.11979
587812.50 4126275.10 0.65287
587832.50 4126275.10 0.71135
587852.50 4126275.10 0.75169
587872.50 4126275.10 0.81534
587892.50 4126275.10 0.85278
587912.50 4126275.10 0.91522
587932.50 4126275.10 0.97861
587952.50 4126275.10 1.04653
587972.50 4126275.10 1.11589
587992.50 4126275.10 1.19580
588012.50 4126275.10 1.27401
588032.50 4126275.10 1.35279
588052.50 4126275.10 1.44492
588072.50 4126275.10 1.52088
588092.50 4126275.10 1.60382
588112.50 4126275.10 1.68141
588132.50 4126275.10 1.77166
588152.50 4126275.10 1.88203
588172.50 4126275.10 2.01639
588192.50 4126275.10 2.16689
588212.50 4126275.10 2.32878
588232.50 4126275.10 2.55175
588252.50 4126275.10 2.82201
588272.50 4126275.10 3.13045
588292.50 4126275.10 3.42400
588312.50 4126275.10 3.74683
588332.50 4126275.10 4.07146
588352.50 4126275.10 4.35136
588372.50 4126275.10 4.58152
588392.50 4126275.10 4.76547
588412.50 4126275.10 4.88351
587812.50 4126295.10 0.69230
587832.50 4126295.10 0.76364
587852.50 4126295.10 0.82364
587872.50 4126295.10 0.89732
587892.50 4126295.10 0.93594
587912.50 4126295.10 1.00880
587932.50 4126295.10 1.07973
587952.50 4126295.10 1.16222
587972.50 4126295.10 1.25543
587992.50 4126295.10 1.34768
588012.50 4126295.10 1.44342
588032.50 4126295.10 1.55321
588052.50 4126295.10 1.65338
588072.50 4126295.10 1.75417
588092.50 4126295.10 1.86799
588112.50 4126295.10 1.97103

588132.50 4126295.10 2.07752
588152.50 4126295.10 2.22119

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588232.50	4126295.10	3.13310	588252.50	4126295.10	3.50220
588272.50	4126295.10	3.89385	588292.50	4126295.10	4.29602
588312.50	4126295.10	4.68858	588332.50	4126295.10	5.04473
588352.50	4126295.10	5.33486	588372.50	4126295.10	5.56801
588392.50	4126295.10	5.71256	588412.50	4126295.10	5.76452
587812.50	4126315.10	0.75293	587832.50	4126315.10	0.82164
587852.50	4126315.10	0.89860	587872.50	4126315.10	0.96299
587892.50	4126315.10	1.02988	587912.50	4126315.10	1.11014
587932.50	4126315.10	1.20037	587952.50	4126315.10	1.30072
587972.50	4126315.10	1.42495	587992.50	4126315.10	1.52835
588012.50	4126315.10	1.65461	588032.50	4126315.10	1.78590
588052.50	4126315.10	1.93011	588072.50	4126315.10	2.05943

588092.50 4126315.10 2.17901
588112.50 4126315.10 2.33832
588132.50 4126315.10 2.48611
588232.50 4126315.10 3.95216
588252.50 4126315.10 4.42051
588272.50 4126315.10 4.92496
588292.50 4126315.10 5.44487
588312.50 4126315.10 5.89978
588332.50 4126315.10 6.28962
588352.50 4126315.10 6.57967
588372.50 4126315.10 6.76333
588392.50 4126315.10 6.81408
588412.50 4126315.10 6.75078
587812.50 4126335.10 0.81108
587832.50 4126335.10 0.87732
587852.50 4126335.10 0.98883
587872.50 4126335.10 1.04715
587892.50 4126335.10 1.13115
587912.50 4126335.10 1.23285
587932.50 4126335.10 1.34075
587952.50 4126335.10 1.47266
587972.50 4126335.10 1.61679
587992.50 4126335.10 1.76499
588012.50 4126335.10 1.92925
588032.50 4126335.10 2.09236
588052.50 4126335.10 2.27200
588072.50 4126335.10 2.43224
588092.50 4126335.10 2.61641
588272.50 4126335.10 6.36492
588292.50 4126335.10 6.98960
588312.50 4126335.10 7.50406
588332.50 4126335.10 7.89234
588352.50 4126335.10 8.11736
588372.50 4126335.10 8.15868
588392.50 4126335.10 8.05060
588412.50 4126335.10 7.80853
587812.50 4126355.10 0.87741
587832.50 4126355.10 0.95074
587852.50 4126355.10 1.07133
587872.50 4126355.10 1.15320
587892.50 4126355.10 1.24969
587912.50 4126355.10 1.37115
587932.50 4126355.10 1.50716
587952.50 4126355.10 1.66847
587972.50 4126355.10 1.84319
587992.50 4126355.10 2.03809
588012.50 4126355.10 2.24514
588032.50 4126355.10 2.46145
588052.50 4126355.10 2.66729
588072.50 4126355.10 2.92858
588292.50 4126355.10 9.10215
588312.50 4126355.10 9.62890
588332.50 4126355.10 9.90145
588352.50 4126355.10 9.92604

588372.50 4126355.10 9.73882
588392.50 4126355.10 9.36974

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588412.50	4126355.10	8.87137	587812.50	4126375.10	0.95402
587832.50	4126375.10	1.03951	587852.50	4126375.10	1.14270
587872.50	4126375.10	1.29380	587892.50	4126375.10	1.40315
587912.50	4126375.10	1.52888	587932.50	4126375.10	1.69536
587952.50	4126375.10	1.89349	587972.50	4126375.10	2.11395
587992.50	4126375.10	2.37595	588012.50	4126375.10	2.62085
588032.50	4126375.10	2.90009	588292.50	4126375.10	11.95796
588312.50	4126375.10	12.30830	588332.50	4126375.10	12.30681
588352.50	4126375.10	11.97858	588372.50	4126375.10	11.40635
588392.50	4126375.10	10.67060	588412.50	4126375.10	9.84303
587812.50	4126395.10	1.03479	587832.50	4126395.10	1.12805
587852.50	4126395.10	1.24459	587872.50	4126395.10	1.38209

587892.50 4126395.10 1.58176
587912.50 4126395.10 1.76516
587932.50 4126395.10 1.94857
587952.50 4126395.10 2.16240
587972.50 4126395.10 2.44250
587992.50 4126395.10 2.76224
588012.50 4126395.10 3.12614
588292.50 4126395.10 15.67129
588312.50 4126395.10 15.58435
588332.50 4126395.10 15.02783
588352.50 4126395.10 14.12163
588372.50 4126395.10 13.00825
588392.50 4126395.10 11.80365
588412.50 4126395.10 10.59357
587812.50 4126415.10 1.12555
587832.50 4126415.10 1.23701
587852.50 4126415.10 1.37523
587872.50 4126415.10 1.53401
587892.50 4126415.10 1.71818
587912.50 4126415.10 1.95605
587932.50 4126415.10 2.23945
587952.50 4126415.10 2.55081
587972.50 4126415.10 2.85591
587992.50 4126415.10 3.25643
588332.50 4126415.10 17.82957
588352.50 4126415.10 16.09861
588372.50 4126415.10 14.30579
588392.50 4126415.10 12.57450
588412.50 4126415.10 10.98154
587812.50 4126435.10 1.21782
587832.50 4126435.10 1.34880
587852.50 4126435.10 1.50657
587872.50 4126435.10 1.69462
587892.50 4126435.10 1.91214
587912.50 4126435.10 2.17018
587932.50 4126435.10 2.48703
587952.50 4126435.10 2.90751
587972.50 4126435.10 3.39086
588352.50 4126435.10 17.52997
588372.50 4126435.10 15.01888
588392.50 4126435.10 12.80502
588412.50 4126435.10 10.89916
587812.50 4126455.10 1.32287
587832.50 4126455.10 1.47633
587852.50 4126455.10 1.65634
587872.50 4126455.10 1.87955
587892.50 4126455.10 2.14822
587912.50 4126455.10 2.45605
587932.50 4126455.10 2.82984
587952.50 4126455.10 3.30965
587972.50 4126455.10 3.95745
588372.50 4126455.10 14.90434
588392.50 4126455.10 12.36682
588412.50 4126455.10 10.30670

587812.50 4126475.10 1.41466
587832.50 4126475.10 1.58777

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587852.50	4126475.10	1.79566	587872.50	4126475.10	2.05238
587892.50	4126475.10	2.35745	587912.50	4126475.10	2.76110
587932.50	4126475.10	3.24165	587952.50	4126475.10	3.83470
587972.50	4126475.10	4.63864	588412.50	4126475.10	9.26499
587812.50	4126495.10	1.52232	587832.50	4126495.10	1.71931
587852.50	4126495.10	1.96145	587872.50	4126495.10	2.25170
587892.50	4126495.10	2.61717	587912.50	4126495.10	3.07876
587932.50	4126495.10	3.70291	587952.50	4126495.10	4.43514
587972.50	4126495.10	5.42076	587812.50	4126515.10	1.65927
587832.50	4126515.10	1.88148	587852.50	4126515.10	2.15152
587872.50	4126515.10	2.48944	587892.50	4126515.10	2.90232
587912.50	4126515.10	3.46190	587932.50	4126515.10	4.18274

587952.50 4126515.10 5.16336
587972.50 4126515.10 6.39062
587812.50 4126535.10 1.80966
587832.50 4126535.10 2.06559
587852.50 4126535.10 2.38187
587872.50 4126535.10 2.76858
587892.50 4126535.10 3.27549
587912.50 4126535.10 3.90690
587932.50 4126535.10 4.76230
587952.50 4126535.10 5.99110
587972.50 4126535.10 7.65377
587992.50 4126535.10 10.01707
588012.50 4126535.10 13.97719
588032.50 4126535.10 20.66779
587812.50 4126555.10 1.98956
587832.50 4126555.10 2.29389
587852.50 4126555.10 2.67318
587872.50 4126555.10 3.12422
587892.50 4126555.10 3.71954
587912.50 4126555.10 4.52539
587932.50 4126555.10 5.55264
587952.50 4126555.10 7.02347
587972.50 4126555.10 9.29033
587992.50 4126555.10 12.52719
588012.50 4126555.10 17.97418
588032.50 4126555.10 28.20909
587812.50 4126575.10 2.22546
587832.50 4126575.10 2.57560
587852.50 4126575.10 3.02100
587872.50 4126575.10 3.57557
587892.50 4126575.10 4.31126
587912.50 4126575.10 5.29849
587932.50 4126575.10 6.63368
587952.50 4126575.10 8.56790
587972.50 4126575.10 11.47429
587992.50 4126575.10 16.03670
588012.50 4126575.10 23.53683
588032.50 4126575.10 37.91557
588052.50 4126575.10 66.09468
587812.50 4126595.10 2.50327
587832.50 4126595.10 2.92169
587852.50 4126595.10 3.45459
587872.50 4126595.10 4.14123
587892.50 4126595.10 5.04802
587912.50 4126595.10 6.27009
587932.50 4126595.10 7.97366
587952.50 4126595.10 10.41960
587972.50 4126595.10 14.06479
587992.50 4126595.10 19.67556
588012.50 4126595.10 28.71970
588032.50 4126595.10 44.01071
588052.50 4126595.10 69.66500
588312.50 4126595.10 6.82323
588332.50 4126595.10 5.59204

588352.50 4126595.10 4.67346
588372.50 4126595.10 3.96978

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588392.50	4126595.10	3.40026	588412.50	4126595.10	2.94255
587812.50	4126615.10	2.83246	587832.50	4126615.10	3.33041
587852.50	4126615.10	3.96390	587872.50	4126615.10	4.78400
587892.50	4126615.10	5.86620	587912.50	4126615.10	7.32153
587932.50	4126615.10	9.31270	587952.50	4126615.10	12.11528
587972.50	4126615.10	16.13603	587992.50	4126615.10	21.93966
588012.50	4126615.10	30.36376	588032.50	4126615.10	42.44914
588052.50	4126615.10	58.43031	588252.50	4126615.10	10.80762
588272.50	4126615.10	8.51465	588292.50	4126615.10	6.85286
588312.50	4126615.10	5.61965	588332.50	4126615.10	4.68717
588352.50	4126615.10	3.95489	588372.50	4126615.10	3.39671
588392.50	4126615.10	2.93584	588412.50	4126615.10	2.56166

587812.50 4126635.10 3.19738
587832.50 4126635.10 3.77019
587852.50 4126635.10 4.49567
587872.50 4126635.10 5.42905
587892.50 4126635.10 6.63700
587912.50 4126635.10 8.22181
587932.50 4126635.10 10.33844
587952.50 4126635.10 13.14433
587972.50 4126635.10 16.87229
587992.50 4126635.10 21.77611
588012.50 4126635.10 27.87376
588032.50 4126635.10 35.09979
588052.50 4126635.10 42.25647
588212.50 4126635.10 13.94634
588232.50 4126635.10 10.88550
588252.50 4126635.10 8.64984
588272.50 4126635.10 6.98702
588292.50 4126635.10 5.74088
588312.50 4126635.10 4.79343
588332.50 4126635.10 4.05000
588352.50 4126635.10 3.44949
588372.50 4126635.10 2.97859
588392.50 4126635.10 2.60194
588412.50 4126635.10 2.29182
587812.50 4126655.10 3.55855
587832.50 4126655.10 4.18880
587852.50 4126655.10 4.97427
587872.50 4126655.10 5.95697
587892.50 4126655.10 7.20395
587912.50 4126655.10 8.77703
587932.50 4126655.10 10.75351
587952.50 4126655.10 13.20218
587972.50 4126655.10 16.15441
587992.50 4126655.10 19.57253
588012.50 4126655.10 23.23994
588032.50 4126655.10 26.73974
588172.50 4126655.10 16.52345
588192.50 4126655.10 13.16416
588212.50 4126655.10 10.54738
588232.50 4126655.10 8.54419
588252.50 4126655.10 7.01919
588272.50 4126655.10 5.82715
588292.50 4126655.10 4.89295
588312.50 4126655.10 4.15129
588332.50 4126655.10 3.55512
588352.50 4126655.10 3.06469
588372.50 4126655.10 2.67455
588392.50 4126655.10 2.35188
588412.50 4126655.10 2.08170
587812.50 4126675.10 3.86607
587832.50 4126675.10 4.52117
587852.50 4126675.10 5.31143
587872.50 4126675.10 6.27989
587892.50 4126675.10 7.43653

587912.50 4126675.10 8.83676
587932.50 4126675.10 10.51212

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587952.50	4126675.10	12.39654	587972.50	4126675.10	14.45179
587992.50	4126675.10	16.54105	588012.50	4126675.10	18.45948
588032.50	4126675.10	19.93568	588052.50	4126675.10	20.83685
588072.50	4126675.10	20.97139	588092.50	4126675.10	19.71020
588112.50	4126675.10	19.02074	588132.50	4126675.10	16.82427
588152.50	4126675.10	14.28978	588172.50	4126675.10	11.90876
588192.50	4126675.10	9.84607	588212.50	4126675.10	8.15833
588232.50	4126675.10	6.82902	588252.50	4126675.10	5.75411
588272.50	4126675.10	4.88755	588292.50	4126675.10	4.18743
588312.50	4126675.10	3.61424	588332.50	4126675.10	3.13378
588352.50	4126675.10	2.74029	588372.50	4126675.10	2.41126
588392.50	4126675.10	2.13552	588412.50	4126675.10	1.89993

587812.50	4126695.10	4.09219	
587832.50	4126695.10	4.72653	
587852.50	4126695.10	5.47358	
587872.50	4126695.10	6.33898	
587892.50	4126695.10	7.33541	
587912.50	4126695.10	8.50462	
587932.50	4126695.10	9.77477	
587952.50	4126695.10	11.08303	
587972.50	4126695.10	12.36180	
587992.50	4126695.10	13.51891	
588012.50	4126695.10	14.41487	
588032.50	4126695.10	14.95571	
588052.50	4126695.10	15.18079	
588072.50	4126695.10	14.83767	
588092.50	4126695.10	13.61442	
588112.50	4126695.10	13.49877	
588132.50	4126695.10	12.12261	
588152.50	4126695.10	10.50942	
588172.50	4126695.10	8.95355	
588192.50	4126695.10	7.60798	
588212.50	4126695.10	6.45845	
588232.50	4126695.10	5.53875	
588252.50	4126695.10	4.75985	
588272.50	4126695.10	4.13102	
588292.50	4126695.10	3.60104	
588312.50	4126695.10	3.15017	
588332.50	4126695.10	2.76961	
588352.50	4126695.10	2.45200	
588372.50	4126695.10	2.17608	
588392.50	4126695.10	1.94357	
588412.50	4126695.10	1.74337	
587812.50	4126715.10	4.20062	
587832.50	4126715.10	4.78926	
587852.50	4126715.10	5.44633	
587872.50	4126715.10	6.17109	
587892.50	4126715.10	6.96318	
587912.50	4126715.10	7.85901	
587932.50	4126715.10	8.74954	
587952.50	4126715.10	9.61803	
587972.50	4126715.10	10.31737	
587992.50	4126715.10	10.91311	
588012.50	4126715.10	11.28659	
588032.50	4126715.10	11.45189	
588052.50	4126715.10	11.41982	
588072.50	4126715.10	10.73090	
588092.50	4126715.10	10.70918	
588112.50	4126715.10	10.06021	
588132.50	4126715.10	9.11654	
588152.50	4126715.10	8.02000	
588172.50	4126715.10	6.97729	
588192.50	4126715.10	6.04125	
588212.50	4126715.10	5.22935	
588232.50	4126715.10	4.55630	
588252.50	4126715.10	3.98816	

588272.50 4126715.10 3.51715
588292.50 4126715.10 3.10689

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588312.50	4126715.10	2.75437	588332.50	4126715.10	2.45455
588352.50	4126715.10	2.19319	588372.50	4126715.10	1.96575
588392.50	4126715.10	1.76879	588412.50	4126715.10	1.59964
587812.50	4126735.10	4.20125	587832.50	4126735.10	4.71843
587852.50	4126735.10	5.26646	587872.50	4126735.10	5.84558
587892.50	4126735.10	6.42471	587912.50	4126735.10	7.06068
587932.50	4126735.10	7.65187	587952.50	4126735.10	8.19936
587972.50	4126735.10	8.56436	587992.50	4126735.10	8.80516
588012.50	4126735.10	8.94927	588032.50	4126735.10	8.95473
588052.50	4126735.10	8.83918	588072.50	4126735.10	8.34877
588092.50	4126735.10	8.29274	588112.50	4126735.10	7.75971
588132.50	4126735.10	7.08551	588152.50	4126735.10	6.31587

	588172.50	4126735.10	5.58042		
588192.50	4126735.10	4.90072			
	588212.50	4126735.10	4.30839		
588232.50	4126735.10	3.80560			
	588252.50	4126735.10	3.37492		
588272.50	4126735.10	3.01291			
	588292.50	4126735.10	2.69548		
588312.50	4126735.10	2.41789			
	588332.50	4126735.10	2.17382		
588352.50	4126735.10	1.95987			
	588372.50	4126735.10	1.77561		
588392.50	4126735.10	1.61389			
	588412.50	4126735.10	1.47058		
587812.50	4126755.10	4.10394			
	587832.50	4126755.10	4.52580		
587852.50	4126755.10	4.96768			
	587872.50	4126755.10	5.40910		
587892.50	4126755.10	5.81087			
	587912.50	4126755.10	6.24086		
587932.50	4126755.10	6.59870			
	587952.50	4126755.10	6.92408		
587972.50	4126755.10	7.09867			
	587992.50	4126755.10	7.14401		
588012.50	4126755.10	7.18694			
	588032.50	4126755.10	7.13550		
588052.50	4126755.10	7.01156			
	588072.50	4126755.10	6.80130		
588092.50	4126755.10	6.44855			
	588112.50	4126755.10	6.15230		
588132.50	4126755.10	5.66118			
	588152.50	4126755.10	5.09912		
588172.50	4126755.10	4.55767			
	588192.50	4126755.10	4.05398		
588212.50	4126755.10	3.60505			
	588232.50	4126755.10	3.22015		
588252.50	4126755.10	2.88785			
	588272.50	4126755.10	2.60101		
588292.50	4126755.10	2.34608			
	588312.50	4126755.10	2.12568		
588332.50	4126755.10	1.93146			
	588352.50	4126755.10	1.76065		
588372.50	4126755.10	1.60814			
	588392.50	4126755.10	1.47280		
588412.50	4126755.10	1.34919			
	587812.50	4126775.10	3.92083		
587832.50	4126775.10	4.26439			
	587852.50	4126775.10	4.60150		
587872.50	4126775.10	4.91873			
	587892.50	4126775.10	5.18601		
587912.50	4126775.10	5.45850			
	587932.50	4126775.10	5.66757		
587952.50	4126775.10	5.83798			
	587972.50	4126775.10	5.90943		
587992.50	4126775.10	5.88436			

588012.50 4126775.10 5.84736
588032.50 4126775.10 5.79277

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588052.50	4126775.10	5.67592	588072.50	4126775.10	5.52294
588092.50	4126775.10	5.12149	588112.50	4126775.10	4.99284
588132.50	4126775.10	4.62180	588152.50	4126775.10	4.19966
588172.50	4126775.10	3.78793	588192.50	4126775.10	3.40241
588212.50	4126775.10	3.05631	588232.50	4126775.10	2.75642
588252.50	4126775.10	2.49087	588272.50	4126775.10	2.26286
588292.50	4126775.10	2.06274	588312.50	4126775.10	1.88440
588332.50	4126775.10	1.72457	588352.50	4126775.10	1.58255
588372.50	4126775.10	1.45355	588392.50	4126775.10	1.33941
588412.50	4126775.10	1.23667	587812.50	4126795.10	3.69030
587832.50	4126795.10	3.95188	587852.50	4126795.10	4.20857
587872.50	4126795.10	4.42543	587892.50	4126795.10	4.58750

587912.50 4126795.10 4.74483
587932.50 4126795.10 4.85283
587952.50 4126795.10 4.89732
587972.50 4126795.10 4.90768
587992.50 4126795.10 4.87523
588012.50 4126795.10 4.83982
588032.50 4126795.10 4.78379
588052.50 4126795.10 4.68330
588072.50 4126795.10 4.55327
588092.50 4126795.10 4.35783
588112.50 4126795.10 4.09004
588132.50 4126795.10 3.83598
588152.50 4126795.10 3.51692
588172.50 4126795.10 3.19662
588192.50 4126795.10 2.89228
588212.50 4126795.10 2.62061
588232.50 4126795.10 2.38240
588252.50 4126795.10 2.17449
588272.50 4126795.10 1.99076
588292.50 4126795.10 1.82646
588312.50 4126795.10 1.67658
588332.50 4126795.10 1.54442
588352.50 4126795.10 1.42559
588372.50 4126795.10 1.31875
588392.50 4126795.10 1.22278
588412.50 4126795.10 1.13255
587812.50 4126815.10 3.43329
587832.50 4126815.10 3.62649
587852.50 4126815.10 3.80277
587872.50 4126815.10 3.94267
587892.50 4126815.10 4.03786
587912.50 4126815.10 4.12375
587932.50 4126815.10 4.17061
587952.50 4126815.10 4.17281
587972.50 4126815.10 4.14818
587992.50 4126815.10 4.10188
588012.50 4126815.10 4.05662
588032.50 4126815.10 4.00782
588052.50 4126815.10 3.92003
588072.50 4126815.10 3.80723
588092.50 4126815.10 3.65540
588112.50 4126815.10 3.38113
588132.50 4126815.10 3.23719
588152.50 4126815.10 2.98648
588172.50 4126815.10 2.73138
588192.50 4126815.10 2.49295
588212.50 4126815.10 2.27662
588232.50 4126815.10 2.08352
588252.50 4126815.10 1.91201
588272.50 4126815.10 1.76016
588292.50 4126815.10 1.62295
588312.50 4126815.10 1.50063
588332.50 4126815.10 1.39127
588352.50 4126815.10 1.29034

588372.50 4126815.10 1.19467
588392.50 4126815.10 1.11393

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588412.50	4126815.10	1.04176	587812.50	4126835.10	3.15702
587832.50	4126835.10	3.29021	587852.50	4126835.10	3.40745
587872.50	4126835.10	3.49070	587892.50	4126835.10	3.54487
587912.50	4126835.10	3.57281	587932.50	4126835.10	3.57733
587952.50	4126835.10	3.56061	587972.50	4126835.10	3.52843
587992.50	4126835.10	3.48581	588012.50	4126835.10	3.44860
588032.50	4126835.10	3.40519	588052.50	4126835.10	3.32547
588072.50	4126835.10	3.22806	588092.50	4126835.10	3.10309
588112.50	4126835.10	2.91006	588132.50	4126835.10	2.76619
588152.50	4126835.10	2.56558	588172.50	4126835.10	2.36201
588192.50	4126835.10	2.16891	588212.50	4126835.10	1.99242
588232.50	4126835.10	1.83387	588252.50	4126835.10	1.69018

588272.50	4126835.10	1.56506
588292.50	4126835.10	1.45109
588312.50	4126835.10	1.34935
588332.50	4126835.10	1.25797
588352.50	4126835.10	1.17308
588372.50	4126835.10	1.09133
588392.50	4126835.10	1.02404
588412.50	4126835.10	0.96015
587812.50	4126855.10	2.90114
587832.50	4126855.10	2.98898
587852.50	4126855.10	3.05739
587872.50	4126855.10	3.10759
587892.50	4126855.10	3.13639
587912.50	4126855.10	3.13627
587932.50	4126855.10	3.12268
587952.50	4126855.10	3.09477
587972.50	4126855.10	3.05809
587992.50	4126855.10	3.00899
588012.50	4126855.10	2.96365
588032.50	4126855.10	2.92363
588052.50	4126855.10	2.85594
588072.50	4126855.10	2.77019
588092.50	4126855.10	2.66165
588112.50	4126855.10	2.53432
588132.50	4126855.10	2.37944
588152.50	4126855.10	2.22741
588172.50	4126855.10	2.06349
588192.50	4126855.10	1.90340
588212.50	4126855.10	1.75849
588232.50	4126855.10	1.62723
588252.50	4126855.10	1.50720
588272.50	4126855.10	1.40113
588292.50	4126855.10	1.30404
588312.50	4126855.10	1.21950
588332.50	4126855.10	1.14152
588352.50	4126855.10	1.06862
588372.50	4126855.10	0.99880
588392.50	4126855.10	0.93974
588412.50	4126855.10	0.88483

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587812.50	4126255.10	232.44474	(16012608)	587832.50	4126255.10	224.82061	(13010808)
587852.50	4126255.10	249.87788	(13010808)	587872.50	4126255.10	279.23405	(13010808)
587892.50	4126255.10	287.12519	(13010808)	587912.50	4126255.10	296.85177	(13010808)
587932.50	4126255.10	297.98829	(13010808)	587952.50	4126255.10	289.47382	(13010808)
587972.50	4126255.10	324.73257	(15021808)	587992.50	4126255.10	362.98911	(15021808)
588012.50	4126255.10	382.77339	(15021808)	588032.50	4126255.10	392.05455	(15021808)
588052.50	4126255.10	427.99489	(16102808)	588072.50	4126255.10	441.23737	(16102808)
588092.50	4126255.10	429.15610	(16102808)	588112.50	4126255.10	460.23013	(17111608)
588132.50	4126255.10	469.90761	(17111608)	588152.50	4126255.10	482.95564	(13030408)
588172.50	4126255.10	550.06586	(13030408)	588192.50	4126255.10	578.00594	(13030408)
588212.50	4126255.10	560.35024	(13030408)	588232.50	4126255.10	551.23223	(15120708)
588252.50	4126255.10	569.59817	(15120708)	588272.50	4126255.10	545.62897	(15120708)

588292.50 4126255.10 525.89254 (16022608)
588312.50 4126255.10 501.80924 (16022608)
588332.50 4126255.10 489.50437 (14121116)
588352.50 4126255.10 479.65134 (13112108)
588372.50 4126255.10 474.38942 (13112108)
588392.50 4126255.10 448.94477 (13112108)
588412.50 4126255.10 412.31123 (13111408)
587812.50 4126275.10 251.20211 (16012608)
587832.50 4126275.10 241.48532 (16012608)
587852.50 4126275.10 249.08649 (13010808)
587872.50 4126275.10 277.60106 (13010808)
587892.50 4126275.10 300.50679 (13010808)
587912.50 4126275.10 318.52920 (13010808)
587932.50 4126275.10 327.37575 (13010808)
587952.50 4126275.10 325.30478 (13010808)
587972.50 4126275.10 324.91178 (15021808)
587992.50 4126275.10 373.33803 (15021808)
588012.50 4126275.10 409.69887 (15021808)
588032.50 4126275.10 427.97620 (15021808)
588052.50 4126275.10 461.27849 (16102808)
588072.50 4126275.10 482.62677 (16102808)
588092.50 4126275.10 474.22870 (16102808)
588112.50 4126275.10 502.12629 (17111608)
588132.50 4126275.10 512.63719 (17111608)
588152.50 4126275.10 537.61626 (13030408)
588172.50 4126275.10 608.85787 (13030408)
588192.50 4126275.10 630.14619 (13030408)
588212.50 4126275.10 597.85379 (13030408)
588232.50 4126275.10 613.08926 (15120708)
588252.50 4126275.10 614.05246 (15120708)
588272.50 4126275.10 576.26490 (16022608)
588292.50 4126275.10 563.45307 (16022608)
588312.50 4126275.10 533.68608 (14121116)
588332.50 4126275.10 521.31613 (13112108)
588352.50 4126275.10 520.67165 (13112108)
588372.50 4126275.10 496.73151 (13112108)
588392.50 4126275.10 453.18642 (13111408)
588412.50 4126275.10 426.03297 (13111408)
587812.50 4126295.10 288.98564 (16012608)
587832.50 4126295.10 280.26893 (16012608)
587852.50 4126295.10 269.88978 (16012608)
587872.50 4126295.10 278.79559 (13010808)
587892.50 4126295.10 309.62369 (13010808)
587912.50 4126295.10 336.71440 (13010808)
587932.50 4126295.10 354.86979 (13010808)
587952.50 4126295.10 362.03569 (13010808)
587972.50 4126295.10 355.66860 (13010808)
587992.50 4126295.10 387.94078 (15021808)
588012.50 4126295.10 436.48151 (15021808)
588032.50 4126295.10 467.24535 (15021808)
588052.50 4126295.10 495.37256 (16102808)
588072.50 4126295.10 527.67961 (16102808)
588092.50 4126295.10 525.19552 (16102808)
588112.50 4126295.10 550.13173 (17111608)

588132.50 4126295.10 561.75864 (17111608)
588152.50 4126295.10 602.25157 (13030408)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588232.50	4126295.10	677.93811	(15120708)	588252.50	4126295.10	655.81534	(15120708)
588272.50	4126295.10	630.67933	(16022608)	588292.50	4126295.10	593.08212	(16022608)
588312.50	4126295.10	576.66819	(14121116)	588332.50	4126295.10	575.47991	(13112108)
588352.50	4126295.10	552.36845	(13112108)	588372.50	4126295.10	504.72129	(13112108)
588392.50	4126295.10	470.29247	(13111408)	588412.50	4126295.10	429.62560	(15022008)
587812.50	4126315.10	317.74821	(16012608)	587832.50	4126315.10	318.13591	(16012608)
587852.50	4126315.10	315.46418	(16012608)	587872.50	4126315.10	303.64279	(16012608)
587892.50	4126315.10	312.70001	(13010808)	587912.50	4126315.10	349.25894	(13010808)
587932.50	4126315.10	379.24726	(13010808)	587952.50	4126315.10	398.33918	(13010808)
587972.50	4126315.10	403.30007	(13010808)	587992.50	4126315.10	399.17444	(15021808)
588012.50	4126315.10	462.93749	(15021808)	588032.50	4126315.10	508.02198	(15021808)
588052.50	4126315.10	533.25149	(16102808)	588072.50	4126315.10	579.63891	(16102808)

588092.50 4126315.10 582.87062 (16102808)
588112.50 4126315.10 605.37508 (17111608)
588132.50 4126315.10 620.61658 (17111608)
588232.50 4126315.10 744.02732 (15120708)
588252.50 4126315.10 701.12107 (16022608)
588272.50 4126315.10 679.59202 (16022608)
588292.50 4126315.10 641.13186 (14121116)
588312.50 4126315.10 639.61717 (13112108)
588332.50 4126315.10 618.14847 (13112108)
588352.50 4126315.10 566.44409 (13112108)
588372.50 4126315.10 522.53426 (13111408)
588392.50 4126315.10 474.92450 (15022008)
588412.50 4126315.10 465.62697 (16123008)
587812.50 4126335.10 344.30398 (16012608)
587832.50 4126335.10 355.08465 (16012608)
587852.50 4126335.10 359.52356 (16012608)
587872.50 4126335.10 355.73134 (16012608)
587892.50 4126335.10 343.24605 (16012608)
587912.50 4126335.10 355.05501 (13010808)
587932.50 4126335.10 397.78604 (13010808)
587952.50 4126335.10 432.13119 (13010808)
587972.50 4126335.10 451.26754 (13010808)
587992.50 4126335.10 449.78807 (13010808)
588012.50 4126335.10 487.95442 (15021808)
588032.50 4126335.10 551.58177 (15021808)
588052.50 4126335.10 584.45438 (15021808)
588072.50 4126335.10 637.10317 (16102808)
588092.50 4126335.10 653.15456 (16102808)
588272.50 4126335.10 717.52463 (16022608)
588292.50 4126335.10 712.65895 (13112108)
588312.50 4126335.10 696.73274 (13112108)
588332.50 4126335.10 640.18962 (13112108)
588352.50 4126335.10 585.87386 (13111408)
588372.50 4126335.10 531.50005 (16123008)
588392.50 4126335.10 518.95175 (14010808)
588412.50 4126335.10 499.97226 (14010808)
587812.50 4126355.10 362.29466 (16012608)
587832.50 4126355.10 383.24630 (16012608)
587852.50 4126355.10 398.21317 (16012608)
587872.50 4126355.10 406.69674 (16012608)
587892.50 4126355.10 405.34617 (16012608)
587912.50 4126355.10 393.76739 (16012608)
587932.50 4126355.10 407.79677 (13010808)
587952.50 4126355.10 458.99923 (13010808)
587972.50 4126355.10 496.84300 (13010808)
587992.50 4126355.10 513.72346 (13010808)
588012.50 4126355.10 507.13346 (15021808)
588032.50 4126355.10 594.49540 (15021808)
588052.50 4126355.10 648.36746 (15021808)
588072.50 4126355.10 702.38531 (16102808)
588292.50 4126355.10 791.21502 (13112108)
588312.50 4126355.10 727.27383 (13112108)
588332.50 4126355.10 663.27665 (13111408)
588352.50 4126355.10 602.09264 (16123008)

588372.50 4126355.10 583.64940 (14010808)
588392.50 4126355.10 556.22809 (14010808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588412.50	4126355.10	516.35121	(14010808)	587812.50	4126375.10	361.49125	(16012608)
587832.50	4126375.10	393.38868	(16012608)	587852.50	4126375.10	423.62658	(16012608)
587872.50	4126375.10	449.03201	(16012608)	587892.50	4126375.10	465.76554	(16012608)
587912.50	4126375.10	467.73091	(16012608)	587932.50	4126375.10	456.69974	(16012608)
587952.50	4126375.10	474.96407	(13010808)	587972.50	4126375.10	535.60086	(13010808)
587992.50	4126375.10	577.63831	(13010808)	588012.50	4126375.10	588.08143	(13010808)
588032.50	4126375.10	633.55771	(15021808)	588292.50	4126375.10	837.95149	(13112108)
588312.50	4126375.10	762.09040	(13111408)	588332.50	4126375.10	682.21987	(16123008)
588352.50	4126375.10	662.98658	(14010808)	588372.50	4126375.10	623.97346	(14010808)
588392.50	4126375.10	568.36255	(14010808)	588412.50	4126375.10	538.70871	(14123008)
587812.50	4126395.10	376.50930	(15013009)	587832.50	4126395.10	393.17342	(16012608)
587852.50	4126395.10	435.29190	(16012608)	587872.50	4126395.10	476.01835	(16012608)

587892.50 4126395.10 512.43573 (16012608)
587912.50 4126395.10 534.34131 (16012608)
587932.50 4126395.10 549.05457 (16012608)
587952.50 4126395.10 537.90019 (16012608)
587972.50 4126395.10 561.69640 (13010808)
587992.50 4126395.10 634.48101 (13010808)
588012.50 4126395.10 678.47052 (13010808)
588292.50 4126395.10 883.90918 (13111408)
588312.50 4126395.10 800.71702 (16123008)
588332.50 4126395.10 758.41527 (14010808)
588352.50 4126395.10 704.02606 (14010808)
588372.50 4126395.10 632.67661 (14123008)
588392.50 4126395.10 612.37676 (15011909)
588412.50 4126395.10 592.59068 (15011909)
587812.50 4126415.10 405.18684 (15013009)
587832.50 4126415.10 429.84741 (15013009)
587852.50 4126415.10 452.22071 (15013009)
587872.50 4126415.10 484.28119 (16012608)
587892.50 4126415.10 538.70576 (16012608)
587912.50 4126415.10 590.08674 (16012608)
587932.50 4126415.10 621.38497 (16012608)
587952.50 4126415.10 647.53778 (16012608)
587972.50 4126415.10 644.00859 (16012608)
587992.50 4126415.10 676.82535 (13010808)
588332.50 4126415.10 803.34701 (14010808)
588352.50 4126415.10 738.32252 (15011909)
588372.50 4126415.10 719.12290 (15011909)
588392.50 4126415.10 672.40261 (15011909)
588412.50 4126415.10 628.57698 (15011909)
587812.50 4126435.10 415.06438 (15013009)
587832.50 4126435.10 451.99020 (15013009)
587852.50 4126435.10 489.38572 (15013009)
587872.50 4126435.10 525.37848 (15013009)
587892.50 4126435.10 557.01749 (15013009)
587912.50 4126435.10 610.44096 (16012608)
587932.50 4126435.10 682.68439 (16012608)
587952.50 4126435.10 745.94981 (16012608)
587972.50 4126435.10 744.98219 (16012608)
588352.50 4126435.10 836.89401 (15011909)
588372.50 4126435.10 766.67432 (15011909)
588392.50 4126435.10 691.73687 (15011909)
588412.50 4126435.10 615.41446 (15011909)
587812.50 4126455.10 403.38377 (15013009)
587832.50 4126455.10 449.71704 (15013009)
587852.50 4126455.10 499.98382 (15013009)
587872.50 4126455.10 553.70187 (15013009)
587892.50 4126455.10 608.96845 (15013009)
587912.50 4126455.10 662.49090 (15013009)
587932.50 4126455.10 709.74822 (15013009)
587952.50 4126455.10 798.45565 (16012608)
587972.50 4126455.10 896.45420 (16012608)
588372.50 4126455.10 747.56466 (15011909)
588392.50 4126455.10 675.82021 (14122208)
588412.50 4126455.10 641.44382 (14122208)

587812.50 4126475.10 425.66802 (17112708)
587832.50 4126475.10 454.82686 (17112708)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587852.50	4126475.10	485.22946	(17112708)	587872.50	4126475.10	543.46884	(15013009)
587892.50	4126475.10	617.31457	(15013009)	587912.50	4126475.10	699.42255	(15013009)
587932.50	4126475.10	785.82884	(15013009)	587952.50	4126475.10	871.66306	(15013009)
587972.50	4126475.10	948.74388	(15013009)	588412.50	4126475.10	667.71064	(13011409)
587812.50	4126495.10	445.24778	(17112708)	587832.50	4126495.10	484.53076	(17112708)
587852.50	4126495.10	528.43607	(17112708)	587872.50	4126495.10	576.50350	(17112708)
587892.50	4126495.10	629.42289	(17112708)	587912.50	4126495.10	686.35143	(17112708)
587932.50	4126495.10	790.86869	(15013009)	587952.50	4126495.10	923.01167	(15013009)
587972.50	4126495.10	1069.37747	(15013009)	587812.50	4126515.10	439.35971	(17112708)
587832.50	4126515.10	484.07625	(17112708)	587852.50	4126515.10	535.58835	(17112708)
587872.50	4126515.10	595.48295	(17112708)	587892.50	4126515.10	664.46366	(17112708)
587912.50	4126515.10	746.25730	(17112708)	587932.50	4126515.10	840.59532	(17112708)

587952.50 4126515.10 949.49774 (17112708)
587972.50 4126515.10 1069.33361 (17112708)
587812.50 4126535.10 422.00703 (16112908)
587832.50 4126535.10 458.79885 (16112908)
587852.50 4126535.10 502.52350 (17112708)
587872.50 4126535.10 564.45178 (17112708)
587892.50 4126535.10 639.25355 (17112708)
587912.50 4126535.10 729.21036 (17112708)
587932.50 4126535.10 840.02354 (17112708)
587952.50 4126535.10 978.73341 (17112708)
587972.50 4126535.10 1150.37446 (17112708)
587992.50 4126535.10 1363.36719 (17112708)
588012.50 4126535.10 1629.04368 (17112708)
588032.50 4126535.10 1980.39809 (15013009)
587812.50 4126555.10 452.25915 (16112908)
587832.50 4126555.10 494.77060 (16112908)
587852.50 4126555.10 544.49332 (16112908)
587872.50 4126555.10 602.58183 (16112908)
587892.50 4126555.10 672.38986 (16112908)
587912.50 4126555.10 757.45391 (16112908)
587932.50 4126555.10 860.78337 (16112908)
587952.50 4126555.10 990.63274 (16112908)
587972.50 4126555.10 1157.83344 (16112908)
587992.50 4126555.10 1370.75389 (16112908)
588012.50 4126555.10 1650.14739 (16112908)
588032.50 4126555.10 2119.77573 (15092908)
587812.50 4126575.10 460.07524 (14121009)
587832.50 4126575.10 506.06961 (14121009)
587852.50 4126575.10 559.98865 (14121009)
587872.50 4126575.10 624.15322 (14121009)
587892.50 4126575.10 701.19591 (14121009)
587912.50 4126575.10 795.07351 (14121009)
587932.50 4126575.10 910.73157 (14121009)
587952.50 4126575.10 1056.72755 (14121009)
587972.50 4126575.10 1244.33274 (14121009)
587992.50 4126575.10 1489.41722 (14121009)
588012.50 4126575.10 1812.31944 (14121009)
588032.50 4126575.10 2339.40515 (13011109)
588052.50 4126575.10 3058.10634 (13011109)
587812.50 4126595.10 478.28499 (14121009)
587832.50 4126595.10 523.32454 (14121009)
587852.50 4126595.10 573.69497 (14121009)
587872.50 4126595.10 635.95866 (14121009)
587892.50 4126595.10 706.67397 (14121009)
587912.50 4126595.10 789.19517 (14121009)
587932.50 4126595.10 917.36023 (13011109)
587952.50 4126595.10 1121.69849 (13011109)
587972.50 4126595.10 1383.27516 (13011109)
587992.50 4126595.10 1717.81209 (13011109)
588012.50 4126595.10 2129.39336 (13011109)
588032.50 4126595.10 2605.23141 (13011109)
588052.50 4126595.10 3059.51326 (13010209)
588312.50 4126595.10 939.68804 (15110208)
588332.50 4126595.10 822.47721 (15110208)

588352.50 4126595.10 735.82589 (15110208)
588372.50 4126595.10 671.22361 (15110208)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588392.50	4126595.10	604.05462	(15110208)	588412.50	4126595.10	546.34907	(15110208)
587812.50	4126615.10	468.26958	(17010909)	587832.50	4126615.10	518.24772	(17010909)
587852.50	4126615.10	584.99655	(16011208)	587872.50	4126615.10	674.83390	(16010409)
587892.50	4126615.10	786.78925	(13011109)	587912.50	4126615.10	920.77273	(13011109)
587932.50	4126615.10	1080.05759	(13011109)	587952.50	4126615.10	1264.86471	(13011109)
587972.50	4126615.10	1471.61615	(13011109)	587992.50	4126615.10	1693.33141	(13011109)
588012.50	4126615.10	1991.46065	(14110508)	588032.50	4126615.10	2339.69277	(14121209)
588052.50	4126615.10	2742.48393	(13122609)	588252.50	4126615.10	1351.08106	(15111008)
588272.50	4126615.10	1178.67938	(15111008)	588292.50	4126615.10	997.53666	(15111008)
588312.50	4126615.10	860.21773	(13011408)	588332.50	4126615.10	747.43432	(13011408)
588352.50	4126615.10	661.98492	(15110208)	588372.50	4126615.10	618.80719	(15110208)
588392.50	4126615.10	566.50996	(15110208)	588412.50	4126615.10	520.02740	(15110208)

587812.50 4126635.10 522.82356 (16010409)
587832.50 4126635.10 591.70427 (16010409)
587852.50 4126635.10 669.74775 (16010409)
587872.50 4126635.10 757.72649 (13011109)
587892.50 4126635.10 856.94086 (13011109)
587912.50 4126635.10 964.79298 (13011109)
587932.50 4126635.10 1077.99439 (13011109)
587952.50 4126635.10 1196.91673 (14110508)
587972.50 4126635.10 1389.48100 (14110508)
587992.50 4126635.10 1574.18572 (14110508)
588012.50 4126635.10 1798.19174 (14121209)
588032.50 4126635.10 2070.52200 (15110608)
588052.50 4126635.10 2338.11520 (16111108)
588212.50 4126635.10 1707.80326 (16012816)
588232.50 4126635.10 1458.86806 (13012509)
588252.50 4126635.10 1231.69281 (13011009)
588272.50 4126635.10 1107.27054 (13011009)
588292.50 4126635.10 969.33570 (15111008)
588312.50 4126635.10 866.18161 (15111008)
588332.50 4126635.10 758.08756 (15111008)
588352.50 4126635.10 648.84084 (13011408)
588372.50 4126635.10 581.55667 (13011408)
588392.50 4126635.10 526.01257 (13011408)
588412.50 4126635.10 475.79433 (13011408)
587812.50 4126655.10 570.94116 (16010409)
587832.50 4126655.10 630.29739 (16010409)
587852.50 4126655.10 693.11339 (13011109)
587872.50 4126655.10 758.00503 (13011109)
587892.50 4126655.10 824.17654 (13011109)
587912.50 4126655.10 914.95041 (14110508)
587932.50 4126655.10 1039.19006 (14110508)
587952.50 4126655.10 1151.30900 (14110508)
587972.50 4126655.10 1273.57969 (14121209)
587992.50 4126655.10 1395.24882 (14121209)
588012.50 4126655.10 1622.98717 (15110608)
588032.50 4126655.10 1814.19921 (16111108)
588172.50 4126655.10 1783.23974 (17101908)
588192.50 4126655.10 1374.41695 (14021208)
588212.50 4126655.10 1315.88178 (16012816)
588232.50 4126655.10 1250.88187 (13012509)
588252.50 4126655.10 1161.23643 (13012509)
588272.50 4126655.10 1010.27360 (13012509)
588292.50 4126655.10 908.95342 (13011009)
588312.50 4126655.10 827.99983 (13011009)
588332.50 4126655.10 740.83367 (15111008)
588352.50 4126655.10 663.74679 (15111008)
588372.50 4126655.10 600.15371 (15111008)
588392.50 4126655.10 538.33981 (15111008)
588412.50 4126655.10 484.91631 (13011408)
587812.50 4126675.10 572.04661 (16010409)
587832.50 4126675.10 614.60544 (16010409)
587852.50 4126675.10 652.99034 (13011109)
587872.50 4126675.10 727.17755 (14110508)
587892.50 4126675.10 806.07017 (14110508)

587912.50 4126675.10 881.33389 (14110508)
587932.50 4126675.10 956.04617 (14121209)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587952.50	4126675.10	1053.51595	(14121209)	587972.50	4126675.10	1146.22510	(15110608)
587992.50	4126675.10	1318.60635	(16111108)	588012.50	4126675.10	1449.17478	(16111108)
588032.50	4126675.10	1555.05138	(13010709)	588052.50	4126675.10	1657.22450	(17110708)
588072.50	4126675.10	1713.36129	(17110708)	588092.50	4126675.10	1576.01982	(16111508)
588112.50	4126675.10	2134.89410	(17101908)	588132.50	4126675.10	2563.93461	(17101908)
588152.50	4126675.10	2276.74595	(17101908)	588172.50	4126675.10	1572.28180	(17101908)
588192.50	4126675.10	1195.54806	(17021508)	588212.50	4126675.10	1059.29781	(14021208)
588232.50	4126675.10	993.70437	(13012509)	588252.50	4126675.10	1001.60511	(13012509)
588272.50	4126675.10	944.39041	(13012509)	588292.50	4126675.10	849.80492	(13012509)
588312.50	4126675.10	750.24729	(13011009)	588332.50	4126675.10	699.42185	(13011009)
588352.50	4126675.10	642.56672	(13011009)	588372.50	4126675.10	583.65546	(15111008)
588392.50	4126675.10	539.43037	(15111008)	588412.50	4126675.10	490.54840	(15111008)

587812.50 4126695.10 538.79990 (14110508)
587832.50 4126695.10 596.85064 (14110508)
587852.50 4126695.10 653.93365 (14110508)
587872.50 4126695.10 704.04874 (14110508)
587892.50 4126695.10 743.05813 (14110508)
587912.50 4126695.10 819.84641 (14121209)
587932.50 4126695.10 878.56417 (14121209)
587952.50 4126695.10 975.42921 (15110608)
587972.50 4126695.10 1095.40393 (16111108)
587992.50 4126695.10 1187.08735 (16111108)
588012.50 4126695.10 1256.44325 (13010709)
588032.50 4126695.10 1352.89659 (17110108)
588052.50 4126695.10 1450.80857 (17110708)
588072.50 4126695.10 1357.85654 (16110708)
588092.50 4126695.10 1283.86571 (16111508)
588112.50 4126695.10 1678.47783 (17101908)
588132.50 4126695.10 2091.48346 (17101908)
588152.50 4126695.10 1933.68993 (17101908)
588172.50 4126695.10 1395.80564 (17101908)
588192.50 4126695.10 1026.85717 (16011108)
588212.50 4126695.10 950.34443 (14021208)
588232.50 4126695.10 851.32503 (17010508)
588252.50 4126695.10 803.07489 (13012509)
588272.50 4126695.10 823.11401 (13012509)
588292.50 4126695.10 792.92508 (13012509)
588312.50 4126695.10 725.25662 (13012509)
588332.50 4126695.10 640.93524 (13012509)
588352.50 4126695.10 597.25992 (13011009)
588372.50 4126695.10 558.45276 (13011009)
588392.50 4126695.10 517.17769 (13011009)
588412.50 4126695.10 474.56254 (15111008)
587812.50 4126715.10 543.50843 (14110508)
587832.50 4126715.10 583.35027 (14110508)
587852.50 4126715.10 613.27589 (14110508)
587872.50 4126715.10 655.05544 (14121209)
587892.50 4126715.10 699.56991 (14121209)
587912.50 4126715.10 734.69364 (14121209)
587932.50 4126715.10 838.72186 (15110608)
587952.50 4126715.10 934.20637 (16111108)
587972.50 4126715.10 990.01660 (16111108)
587992.50 4126715.10 1034.44406 (13010709)
588012.50 4126715.10 1142.71124 (17110108)
588032.50 4126715.10 1196.07913 (17110708)
588052.50 4126715.10 1232.57865 (17110708)
588072.50 4126715.10 1085.25021 (14120808)
588092.50 4126715.10 1271.44230 (16111508)
588112.50 4126715.10 1353.37524 (17101908)
588132.50 4126715.10 1716.50361 (17101908)
588152.50 4126715.10 1644.53456 (17101908)
588172.50 4126715.10 1250.32110 (17101908)
588192.50 4126715.10 913.11478 (16011108)
588212.50 4126715.10 844.14897 (17021508)
588232.50 4126715.10 781.41667 (14021208)
588252.50 4126715.10 703.55227 (17010508)

588272.50 4126715.10 678.77100 (13012509)
588292.50 4126715.10 692.13880 (13012509)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588312.50	4126715.10	670.49058	(13012509)	588332.50	4126715.10	627.59973	(13012509)
588352.50	4126715.10	566.94347	(13012509)	588372.50	4126715.10	506.27987	(13011009)
588392.50	4126715.10	484.29456	(13011009)	588412.50	4126715.10	458.25607	(13011009)
587812.50	4126735.10	515.47414	(14110508)	587832.50	4126735.10	544.99264	(14121209)
587852.50	4126735.10	584.04683	(14121209)	587872.50	4126735.10	610.91175	(14121209)
587892.50	4126735.10	640.84147	(15110608)	587912.50	4126735.10	726.43917	(15110608)
587932.50	4126735.10	797.72576	(16111108)	587952.50	4126735.10	856.35945	(16111108)
587972.50	4126735.10	869.21036	(13010709)	587992.50	4126735.10	962.17921	(17110108)
588012.50	4126735.10	1008.28939	(17110108)	588032.50	4126735.10	1072.70936	(17110708)
588052.50	4126735.10	1043.71277	(17011108)	588072.50	4126735.10	963.33527	(16111508)
588092.50	4126735.10	1135.60706	(16111508)	588112.50	4126735.10	1109.59676	(17101908)
588132.50	4126735.10	1422.30481	(17101908)	588152.50	4126735.10	1409.00400	(17101908)

588172.50 4126735.10 1121.44031 (17101908)
588192.50 4126735.10 803.01964 (16011108)
588212.50 4126735.10 739.20099 (17021508)
588232.50 4126735.10 709.32772 (14021208)
588252.50 4126735.10 644.15981 (14021208)
588272.50 4126735.10 599.21506 (17010508)
588292.50 4126735.10 576.30043 (13012509)
588312.50 4126735.10 589.80789 (13012509)
588332.50 4126735.10 576.03326 (13012509)
588352.50 4126735.10 542.77240 (13012509)
588372.50 4126735.10 500.68690 (13012509)
588392.50 4126735.10 452.06791 (13012509)
588412.50 4126735.10 426.43552 (13011009)
587812.50 4126755.10 491.59563 (14121209)
587832.50 4126755.10 518.51524 (14121209)
587852.50 4126755.10 535.07062 (14121209)
587872.50 4126755.10 581.90016 (15110608)
587892.50 4126755.10 635.42265 (15110608)
587912.50 4126755.10 693.41292 (16111108)
587932.50 4126755.10 730.53777 (16111108)
587952.50 4126755.10 750.02184 (16010809)
587972.50 4126755.10 830.77994 (17110108)
587992.50 4126755.10 865.37840 (17110108)
588012.50 4126755.10 912.89342 (17110708)
588032.50 4126755.10 934.72097 (17110708)
588052.50 4126755.10 926.52774 (17011108)
588072.50 4126755.10 945.63424 (16111508)
588092.50 4126755.10 938.64176 (16111508)
588112.50 4126755.10 924.23159 (17101908)
588132.50 4126755.10 1193.37797 (17101908)
588152.50 4126755.10 1215.00711 (17101908)
588172.50 4126755.10 1006.36506 (17101908)
588192.50 4126755.10 707.46487 (15022708)
588212.50 4126755.10 675.25945 (16011108)
588232.50 4126755.10 637.03851 (17021508)
588252.50 4126755.10 602.27527 (14021208)
588272.50 4126755.10 542.13410 (14021208)
588292.50 4126755.10 511.40712 (17010508)
588312.50 4126755.10 492.12703 (13012509)
588332.50 4126755.10 506.59893 (13012509)
588352.50 4126755.10 502.88676 (13012509)
588372.50 4126755.10 482.58633 (13012509)
588392.50 4126755.10 451.66327 (13012509)
588412.50 4126755.10 410.93792 (13012509)
587812.50 4126775.10 460.45529 (14121209)
587832.50 4126775.10 476.68963 (14111208)
587852.50 4126775.10 527.20856 (15110608)
587872.50 4126775.10 573.20583 (15110608)
587892.50 4126775.10 609.25985 (16111108)
587912.50 4126775.10 640.51594 (16111108)
587932.50 4126775.10 639.58738 (16111108)
587952.50 4126775.10 717.88291 (17110108)
587972.50 4126775.10 777.02334 (17110108)
587992.50 4126775.10 770.70998 (17110708)

588012.50 4126775.10 820.86988 (17110708)
588032.50 4126775.10 806.32331 (17011108)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588052.50	4126775.10	840.34424	(16121308)	588072.50	4126775.10	867.49600	(16111508)
588092.50	4126775.10	784.20844	(16111508)	588112.50	4126775.10	793.67646	(16010509)
588132.50	4126775.10	1011.70024	(17101908)	588152.50	4126775.10	1053.64403	(17101908)
588172.50	4126775.10	903.73851	(17101908)	588192.50	4126775.10	641.70871	(17101908)
588212.50	4126775.10	611.58042	(16011108)	588232.50	4126775.10	568.21573	(17021508)
588252.50	4126775.10	546.83797	(14021208)	588272.50	4126775.10	512.95539	(14021208)
588292.50	4126775.10	462.76935	(17010508)	588312.50	4126775.10	447.82785	(17010508)
588332.50	4126775.10	431.80549	(13012509)	588352.50	4126775.10	445.17661	(13012509)
588372.50	4126775.10	441.36118	(13012509)	588392.50	4126775.10	426.96753	(13012509)
588412.50	4126775.10	403.25795	(13012509)	587812.50	4126795.10	433.21385	(14111208)
587832.50	4126795.10	477.65213	(15110608)	587852.50	4126795.10	517.41230	(15110608)
587872.50	4126795.10	551.42079	(16111108)	587892.50	4126795.10	566.15177	(16111108)

587912.50 4126795.10 565.38766 (16111108)
587932.50 4126795.10 616.61337 (13010709)
587952.50 4126795.10 664.95937 (17110108)
587972.50 4126795.10 680.48111 (17110108)
587992.50 4126795.10 713.38568 (17110708)
588012.50 4126795.10 728.32330 (17110708)
588032.50 4126795.10 733.98762 (17011108)
588052.50 4126795.10 762.12384 (16121308)
588072.50 4126795.10 787.19562 (16111508)
588092.50 4126795.10 765.47978 (16111508)
588112.50 4126795.10 691.66338 (16010509)
588132.50 4126795.10 864.78977 (17101908)
588152.50 4126795.10 918.77411 (17101908)
588172.50 4126795.10 812.78838 (17101908)
588192.50 4126795.10 602.96096 (17101908)
588212.50 4126795.10 549.91780 (16011108)
588232.50 4126795.10 522.75398 (16011108)
588252.50 4126795.10 501.97324 (17021508)
588272.50 4126795.10 484.18902 (14021208)
588292.50 4126795.10 447.75183 (14021208)
588312.50 4126795.10 409.16473 (17010508)
588332.50 4126795.10 393.98336 (17010508)
588352.50 4126795.10 380.29983 (13012509)
588372.50 4126795.10 392.39145 (13012509)
588392.50 4126795.10 393.11536 (13012509)
588412.50 4126795.10 379.92720 (13012509)
587812.50 4126815.10 435.50316 (15110608)
587832.50 4126815.10 465.78120 (15110608)
587852.50 4126815.10 496.91924 (16111108)
587872.50 4126815.10 512.54977 (16111108)
587892.50 4126815.10 505.55052 (16111108)
587912.50 4126815.10 544.84872 (13010709)
587932.50 4126815.10 592.92028 (17110108)
587952.50 4126815.10 614.35482 (17110108)
587972.50 4126815.10 624.69178 (17110708)
587992.50 4126815.10 652.21127 (17110708)
588012.50 4126815.10 635.61459 (17110708)
588032.50 4126815.10 668.86819 (16121308)
588052.50 4126815.10 685.36914 (16121308)
588072.50 4126815.10 710.84447 (16111508)
588092.50 4126815.10 685.80648 (16111508)
588112.50 4126815.10 598.91214 (16010509)
588132.50 4126815.10 746.88379 (17101908)
588152.50 4126815.10 805.34236 (17101908)
588172.50 4126815.10 731.74646 (17101908)
588192.50 4126815.10 565.59392 (17101908)
588212.50 4126815.10 499.29224 (15022708)
588232.50 4126815.10 486.99454 (16011108)
588252.50 4126815.10 455.62589 (17021508)
588272.50 4126815.10 445.26618 (14021208)
588292.50 4126815.10 422.88631 (14021208)
588312.50 4126815.10 386.62090 (14021208)
588332.50 4126815.10 365.78326 (17010508)
588352.50 4126815.10 350.73245 (17010508)

588372.50 4126815.10 334.35891 (15122808)
588392.50 4126815.10 346.28177 (13012509)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): L0000124 , L0000125 , L0000126 , L0000127 , L0000128 , L0000129 , L0000130 , L0000131 , L0000132 , L0000133 , L0000134 , L0000135 , L0000136 , L0000137 , L0000138 , L0000139 , L0000140 , L0000141 , L0000142 , L0000143 , L0000144 , L0000145 , L0000146 , L0000147 , L0000148 , L0000149 , L0000150 , L0000151 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588412.50	4126815.10	350.58653	(13012509)	587812.50	4126835.10	421.62708	(15110608)
587832.50	4126835.10	447.22042	(16111108)	587852.50	4126835.10	461.71389	(16111108)
587872.50	4126835.10	458.04223	(16111108)	587892.50	4126835.10	483.82559	(13010709)
587912.50	4126835.10	520.81315	(17110108)	587932.50	4126835.10	547.39689	(17110108)
587952.50	4126835.10	544.39391	(17110108)	587972.50	4126835.10	581.92177	(17110708)
587992.50	4126835.10	585.20599	(17110708)	588012.50	4126835.10	585.81522	(17011108)
588032.50	4126835.10	620.78630	(16121308)	588052.50	4126835.10	624.24263	(14121008)
588072.50	4126835.10	644.17576	(16111508)	588092.50	4126835.10	613.38421	(16111508)
588112.50	4126835.10	560.78219	(16010509)	588132.50	4126835.10	649.96519	(17101908)
588152.50	4126835.10	709.34265	(17101908)	588172.50	4126835.10	660.41904	(17101908)
588192.50	4126835.10	528.45269	(17101908)	588212.50	4126835.10	453.13756	(15022708)
588232.50	4126835.10	447.73069	(16011108)	588252.50	4126835.10	420.45237	(16011108)

588272.50 4126835.10 407.73110 (17021508)
588292.50 4126835.10 394.11429 (14021208)
588312.50 4126835.10 371.89172 (14021208)
588332.50 4126835.10 339.81524 (14021208)
588352.50 4126835.10 328.68182 (17010508)
588372.50 4126835.10 311.85143 (17010508)
588392.50 4126835.10 304.88366 (15122808)
588412.50 4126835.10 315.07450 (13012509)
587812.50 4126855.10 411.40670 (16111108)
587832.50 4126855.10 421.92562 (16111108)
587852.50 4126855.10 419.25132 (16111108)
587872.50 4126855.10 441.07587 (16010809)
587892.50 4126855.10 476.60911 (17110108)
587912.50 4126855.10 504.53695 (17110108)
587932.50 4126855.10 510.80573 (17110108)
587952.50 4126855.10 526.13647 (17110708)
587972.50 4126855.10 544.82525 (17110708)
587992.50 4126855.10 525.73192 (17110708)
588012.50 4126855.10 539.14486 (17011108)
588032.50 4126855.10 570.94794 (16121308)
588052.50 4126855.10 576.11360 (16111508)
588072.50 4126855.10 585.79847 (16111508)
588092.50 4126855.10 547.94950 (16111508)
588112.50 4126855.10 530.90345 (16010509)
588132.50 4126855.10 567.94963 (17101908)
588152.50 4126855.10 628.00090 (17101908)
588172.50 4126855.10 597.30985 (17101908)
588192.50 4126855.10 492.53436 (17101908)
588212.50 4126855.10 411.44950 (15022708)
588232.50 4126855.10 411.02551 (16011108)
588252.50 4126855.10 395.36396 (16011108)
588272.50 4126855.10 372.35828 (17021508)
588292.50 4126855.10 363.08185 (17021508)
588312.50 4126855.10 352.77928 (14021208)
588332.50 4126855.10 330.46383 (14021208)
588352.50 4126855.10 301.17303 (17010508)
588372.50 4126855.10 293.61382 (17010508)
588392.50 4126855.10 282.95383 (17010508)
588412.50 4126855.10 276.36173 (15122808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	AVERAGE CONC OF TYPE	DATE (YYMMDDHH) GRID-ID
ALL HIGH 1ST HIGH VALUE IS	588052.50, 4126595.10, 92.40, 92.40, 0.00)	3059.51326	ON 13010209: AT (DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            3 Warning Message(s)
 A Total of          930 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          530 Calm Hours Identified

 A Total of          400 Missing Hours Identified (  0.91 Percent)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186    3567       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187    3567       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET
 MX W492       1       METEXT: SURFDATA YR .NE. 1st YR of file, adj to
match file StartYR 2013

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
```

```
** Lakes Environmental AERMOD MPI
**
****************************************
**
** AERMOD Input Produced by:
** AERMOD View Ver. 9.6.5
** Lakes Environmental Software Inc.
** Date: 4/22/2019
** File: C:\Lakes\AERMOD View\PalmVillas Saratoga Ops\PalmVillas Saratoga
Ops.ADI
**
****************************************
**
**
****************************************
** AERMOD Control Pathway
****************************************
**
**
CO STARTING
   TITLEONE C:\Lakes\AERMOD View\PalmVillas Saratoga Const\PalmVillas
Saratoga C
   TITLETWO Palm Villas Saratoga NG Generators
   MODELOPT DFAULT CONC
   AVERTIME 1 PERIOD
   URBANOPT 1781642 Santa_Clara_2010_Census_Population
   POLLUTID PM_10
   RUNORNOT RUN
   ERRORFIL "PalmVillas Saratoga Ops.err"
CO FINISHED
**
****************************************
** AERMOD Source Pathway
****************************************
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
   LOCATION AREA1        AREA       588093.396  4126585.484       91.410
** DESCRSRC RG045 NG Generator
   LOCATION AREA2        AREA       588144.950  4126570.472       91.680
** DESCRSRC RG030 NG Generator
** Source Parameters **
   SRCPARAM AREA1        0.026909776     9.144     6.096     6.096
16.800
   SRCPARAM AREA2        0.026909776     9.144     6.096     6.096
18.570
**
** No Building Downwash **
**
   URBANSRC ALL
   SRCGROUP AREA1    AREA1
   SRCGROUP AREA2    AREA2
```

```
   SRCGROUP ALL
SO FINISHED
**
****************************************
** AERMOD Receptor Pathway
****************************************
**
**
RE STARTING
   INCLUDED "PalmVillas Saratoga Ops.rou"
RE FINISHED
**
****************************************
** AERMOD Meteorology Pathway
****************************************
**
**
ME STARTING
   SURFFILE "PalmVillas Saratoga.SFC"
   PROFFILE "PalmVillas Saratoga.PFL"
   SURFDATA 23293 2013
   UAIRDATA 23230 2013 OAKLAND/WSO_AP
   PROFBASE 15.5 METERS
ME FINISHED
**
****************************************
** AERMOD Output Pathway
****************************************
**
**
OU STARTING
   RECTABLE ALLAVE 1ST
   RECTABLE 1 1ST
** Auto-Generated Plotfiles
   PLOTFILE 1 ALL 1ST "PALMVILLAS SARATOGA OPS.AD\01H1GALL.PLT" 31
   PLOTFILE 1 AREA1 1ST "PALMVILLAS SARATOGA OPS.AD\01H1G001.PLT" 32
   PLOTFILE 1 AREA2 1ST "PALMVILLAS SARATOGA OPS.AD\01H1G002.PLT" 33
   PLOTFILE PERIOD ALL "PALMVILLAS SARATOGA OPS.AD\PE00GALL.PLT" 34
   PLOTFILE PERIOD AREA1 "PALMVILLAS SARATOGA OPS.AD\PE00G001.PLT" 35
   PLOTFILE PERIOD AREA2 "PALMVILLAS SARATOGA OPS.AD\PE00G002.PLT" 36
   SUMMFILE "PalmVillas Saratoga Ops.sum"
OU FINISHED


  *** Message Summary For AERMOD Model Setup ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of            0 Informational Message(s)


    ******** FATAL ERROR MESSAGES ********
```

```
                *** NONE ***

    ********   WARNING MESSAGES   ********
 ME W186      73       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187      73       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

 ***********************************
 *** SETUP Finishes Successfully ***
 ***********************************
```

```
 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  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 URBAN Dispersion Algorithm for the SBL for     2 Source(s),
   for Total of    1 Urban Area(s):
   Urban Population =   1781642.0 ;  Urban Roughness Length =  1.000 m

 **Model Uses Regulatory DEFAULT Options:
         1. Stack-tip Downwash.
         2. Model Accounts for ELEVated Terrain Effects.
         3. Use Calms Processing Routine.
         4. Use Missing Data Processing Routine.
         5. No Exponential Decay.
         6. Urban Roughness Length of 1.0 Meter Assumed.

 **Other Options Specified:
         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:  PM_10

 **Model Calculates  1 Short Term Average(s) of:   1-HR
     and Calculates PERIOD Averages

 **This Run Includes:      2 Source(s);       3 Source Group(s); and
703 Receptor(s)

                with:      0 POINT(s), including
                           0 POINTCAP(s) and      0 POINTHOR(s)
                 and:      0 VOLUME source(s)
                 and:      2 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:  18081

 **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) =    15.50 ;
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 =      3.6 MB of RAM.

 **Input Runstream File:          aermod.inp
 **Output Print File:             aermod.out

 **Detailed Error/Message File:   PalmVillas Saratoga Ops.err
 **File for Summary of Results:   PalmVillas Saratoga Ops.sum
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** AREA SOURCE DATA ***

SOURCE ID	NUMBER OF AREA CATS.	EMISSION RATE PART. (GRAMS/SEC /METER**2)	COORD (SW CORNER) X (METERS)	Y (METERS)	BASE ELEV. (METERS)	RELEASE HEIGHT (METERS)	X-DIM OF AREA (METERS)	Y-DIM OF AREA (METERS)	ORIENT. OF AREA (DEG.)	INIT. SZ (METERS)	URBAN SOURCE BY	EMISSION RATE SCALAR VARY
AREA1	0	0.26910E-01	588093.4	4126585.5	91.4	9.14	6.10	6.10	16.80	0.00	YES	
AREA2	0	0.26910E-01	588145.0	4126570.5	91.7	9.14	6.10	6.10	18.57	0.00	YES	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID	SOURCE IDs
AREA1	AREA1 ,
AREA2	AREA2 ,
ALL	AREA1 , AREA2 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs
	1781642.	AREA1 , AREA2 ,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(587812.5, 4126255.1, 97.0, 97.4, 0.0); (587832.5, 4126255.1, 94.8, 98.0, 0.0);
(587852.5, 4126255.1, 93.2, 98.0, 0.0); (587872.5, 4126255.1, 95.5, 95.5, 0.0);
(587892.5, 4126255.1, 95.4, 95.4, 0.0); (587912.5, 4126255.1, 95.4, 95.4, 0.0);
(587932.5, 4126255.1, 95.3, 95.3, 0.0); (587952.5, 4126255.1, 95.0, 95.0, 0.0);
(587972.5, 4126255.1, 95.9, 95.9, 0.0); (587992.5, 4126255.1, 95.8, 95.8, 0.0);
(588012.5, 4126255.1, 94.9, 94.9, 0.0); (588032.5, 4126255.1, 95.0, 95.0, 0.0);
(588052.5, 4126255.1, 94.8, 94.8, 0.0); (588072.5, 4126255.1, 95.0, 95.0, 0.0);
(588092.5, 4126255.1, 95.1, 95.1, 0.0); (588112.5, 4126255.1, 95.1, 95.1, 0.0);
(588132.5, 4126255.1, 94.8, 94.8, 0.0); (588152.5, 4126255.1, 94.1, 94.1, 0.0);
(588172.5, 4126255.1, 94.1, 94.1, 0.0); (588192.5, 4126255.1, 93.9, 93.9, 0.0);
(588212.5, 4126255.1, 94.0, 94.0, 0.0); (588232.5, 4126255.1, 93.8, 93.8, 0.0);
(588252.5, 4126255.1, 92.8, 92.8, 0.0); (588272.5, 4126255.1, 93.1, 93.1, 0.0);
(588292.5, 4126255.1, 93.0, 93.0, 0.0); (588312.5, 4126255.1, 92.7, 92.7, 0.0);
(588332.5, 4126255.1, 92.5, 92.5, 0.0); (588352.5, 4126255.1, 92.1, 92.1, 0.0);
(588372.5, 4126255.1, 92.5, 92.5, 0.0); (588392.5, 4126255.1, 92.0, 92.0, 0.0);
(588412.5, 4126255.1, 91.7, 91.7, 0.0); (587812.5, 4126275.1, 95.6, 97.3, 0.0);
(587832.5, 4126275.1, 93.9, 97.4, 0.0); (587852.5, 4126275.1, 94.8, 95.8, 0.0);
(587872.5, 4126275.1, 93.4, 95.8, 0.0); (587892.5, 4126275.1, 95.4, 95.4, 0.0);
(587912.5, 4126275.1, 95.0, 95.0, 0.0); (587932.5, 4126275.1, 95.1, 95.1, 0.0);
(587952.5, 4126275.1, 95.0, 95.0, 0.0); (587972.5, 4126275.1, 95.2, 95.2, 0.0);

(587992.5, 4126275.1, 94.8, 94.8, 0.0); (
588012.5, 4126275.1, 94.8, 94.8, 0.0);
(588032.5, 4126275.1, 94.7, 94.7, 0.0); (
588052.5, 4126275.1, 94.1, 94.1, 0.0);
(588072.5, 4126275.1, 94.3, 94.3, 0.0); (
588092.5, 4126275.1, 94.3, 94.3, 0.0);
(588112.5, 4126275.1, 94.5, 94.5, 0.0); (
588132.5, 4126275.1, 94.6, 94.6, 0.0);
(588152.5, 4126275.1, 94.2, 94.2, 0.0); (
588172.5, 4126275.1, 93.8, 93.8, 0.0);
(588192.5, 4126275.1, 93.6, 93.6, 0.0); (
588212.5, 4126275.1, 93.9, 93.9, 0.0);
(588232.5, 4126275.1, 93.5, 93.5, 0.0); (
588252.5, 4126275.1, 93.1, 93.1, 0.0);
(588272.5, 4126275.1, 92.3, 92.3, 0.0); (
588292.5, 4126275.1, 92.8, 92.8, 0.0);
(588312.5, 4126275.1, 92.7, 92.7, 0.0); (
588332.5, 4126275.1, 91.8, 92.6, 0.0);
(588352.5, 4126275.1, 91.9, 91.9, 0.0); (
588372.5, 4126275.1, 92.3, 92.3, 0.0);
(588392.5, 4126275.1, 91.8, 91.8, 0.0); (
588412.5, 4126275.1, 91.2, 91.2, 0.0);
(587812.5, 4126295.1, 96.5, 96.5, 0.0); (
587832.5, 4126295.1, 94.4, 96.9, 0.0);
(587852.5, 4126295.1, 93.8, 95.8, 0.0); (
587872.5, 4126295.1, 92.2, 95.8, 0.0);
(587892.5, 4126295.1, 95.1, 95.1, 0.0); (
587912.5, 4126295.1, 94.8, 94.8, 0.0);
(587932.5, 4126295.1, 95.2, 95.2, 0.0); (
587952.5, 4126295.1, 95.2, 95.2, 0.0);
(587972.5, 4126295.1, 94.8, 94.8, 0.0); (
587992.5, 4126295.1, 94.8, 94.8, 0.0);
(588012.5, 4126295.1, 94.8, 94.8, 0.0); (
588032.5, 4126295.1, 94.2, 94.2, 0.0);
(588052.5, 4126295.1, 94.2, 94.2, 0.0); (
588072.5, 4126295.1, 94.3, 94.3, 0.0);
(588092.5, 4126295.1, 93.9, 93.9, 0.0); (
588112.5, 4126295.1, 94.1, 94.1, 0.0);
(588132.5, 4126295.1, 94.4, 94.4, 0.0); (
588152.5, 4126295.1, 94.1, 94.1, 0.0);
(588232.5, 4126295.1, 93.3, 93.3, 0.0); (
588252.5, 4126295.1, 92.8, 92.8, 0.0);
(588272.5, 4126295.1, 92.3, 92.3, 0.0); (
588292.5, 4126295.1, 92.0, 92.0, 0.0);
(588312.5, 4126295.1, 91.8, 91.8, 0.0); (
588332.5, 4126295.1, 92.0, 92.0, 0.0);
(588352.5, 4126295.1, 92.5, 92.5, 0.0); (
588372.5, 4126295.1, 92.0, 92.0, 0.0);
(588392.5, 4126295.1, 91.3, 91.3, 0.0); (
588412.5, 4126295.1, 91.0, 91.0, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 587812.5, 4126315.1,      95.9,      95.9,       0.0);         (
587832.5, 4126315.1,      94.9,      95.9,       0.0);
     ( 587852.5, 4126315.1,      93.4,      93.8,       0.0);         (
587872.5, 4126315.1,      94.0,      95.4,       0.0);
     ( 587892.5, 4126315.1,      94.8,      94.8,       0.0);         (
587912.5, 4126315.1,      95.0,      95.0,       0.0);
     ( 587932.5, 4126315.1,      95.1,      95.1,       0.0);         (
587952.5, 4126315.1,      95.0,      95.0,       0.0);
     ( 587972.5, 4126315.1,      94.1,      94.1,       0.0);         (
587992.5, 4126315.1,      94.7,      94.7,       0.0);
     ( 588012.5, 4126315.1,      94.5,      94.5,       0.0);         (
588032.5, 4126315.1,      94.2,      94.2,       0.0);
     ( 588052.5, 4126315.1,      93.8,      93.8,       0.0);         (
588072.5, 4126315.1,      93.8,      93.8,       0.0);
     ( 588092.5, 4126315.1,      94.2,      94.2,       0.0);         (
588112.5, 4126315.1,      93.7,      93.7,       0.0);
     ( 588132.5, 4126315.1,      93.9,      93.9,       0.0);         (
588232.5, 4126315.1,      92.8,      92.8,       0.0);
     ( 588252.5, 4126315.1,      92.7,      92.7,       0.0);         (
588272.5, 4126315.1,      92.6,      92.6,       0.0);
     ( 588292.5, 4126315.1,      92.0,      92.0,       0.0);         (
588312.5, 4126315.1,      92.4,      92.4,       0.0);
     ( 588332.5, 4126315.1,      92.4,      92.4,       0.0);         (
588352.5, 4126315.1,      92.3,      92.3,       0.0);
     ( 588372.5, 4126315.1,      91.3,      91.3,       0.0);         (
588392.5, 4126315.1,      91.0,      91.0,       0.0);
     ( 588412.5, 4126315.1,      90.8,      90.8,       0.0);         (
587812.5, 4126335.1,      95.9,      95.9,       0.0);
     ( 587832.5, 4126335.1,      95.6,      95.6,       0.0);         (
587852.5, 4126335.1,      92.1,      96.0,       0.0);
     ( 587872.5, 4126335.1,      94.5,      94.5,       0.0);         (
587892.5, 4126335.1,      94.9,      94.9,       0.0);
     ( 587912.5, 4126335.1,      94.8,      94.8,       0.0);         (
587932.5, 4126335.1,      95.0,      95.0,       0.0);
     ( 587952.5, 4126335.1,      94.4,      94.4,       0.0);         (
587972.5, 4126335.1,      94.0,      94.0,       0.0);
     ( 587992.5, 4126335.1,      94.0,      94.8,       0.0);         (
588012.5, 4126335.1,      93.7,      93.7,       0.0);
     ( 588032.5, 4126335.1,      93.7,      93.7,       0.0);         (
588052.5, 4126335.1,      93.5,      93.5,       0.0);
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(588072.5, 4126335.1, 93.8, 93.8, 0.0); (588092.5, 4126335.1, 93.6, 93.6, 0.0);
(588272.5, 4126335.1, 92.6, 92.6, 0.0); (588292.5, 4126335.1, 92.4, 92.4, 0.0);
(588312.5, 4126335.1, 92.5, 92.5, 0.0); (588332.5, 4126335.1, 92.2, 92.2, 0.0);
(588352.5, 4126335.1, 91.3, 91.3, 0.0); (588372.5, 4126335.1, 91.3, 91.3, 0.0);
(588392.5, 4126335.1, 90.8, 90.8, 0.0); (588412.5, 4126335.1, 90.6, 90.6, 0.0);
(587812.5, 4126355.1, 95.6, 95.6, 0.0); (587832.5, 4126355.1, 95.6, 95.6, 0.0);
(587852.5, 4126355.1, 93.0, 95.9, 0.0); (587872.5, 4126355.1, 94.1, 94.1, 0.0);
(587892.5, 4126355.1, 94.8, 94.8, 0.0); (587912.5, 4126355.1, 94.7, 94.7, 0.0);
(587932.5, 4126355.1, 94.6, 94.6, 0.0); (587952.5, 4126355.1, 94.2, 94.2, 0.0);
(587972.5, 4126355.1, 94.0, 94.0, 0.0); (587992.5, 4126355.1, 93.8, 93.8, 0.0);
(588012.5, 4126355.1, 93.6, 93.6, 0.0); (588032.5, 4126355.1, 93.6, 93.6, 0.0);
(588052.5, 4126355.1, 94.0, 94.0, 0.0); (588072.5, 4126355.1, 93.5, 93.5, 0.0);
(588292.5, 4126355.1, 92.3, 92.3, 0.0); (588312.5, 4126355.1, 91.7, 91.7, 0.0);
(588332.5, 4126355.1, 91.4, 91.4, 0.0); (588352.5, 4126355.1, 91.4, 91.4, 0.0);
(588372.5, 4126355.1, 90.7, 90.7, 0.0); (588392.5, 4126355.1, 90.6, 90.6, 0.0);
(588412.5, 4126355.1, 90.7, 90.7, 0.0); (587812.5, 4126375.1, 95.3, 95.3, 0.0);
(587832.5, 4126375.1, 95.4, 95.4, 0.0); (587852.5, 4126375.1, 94.9, 95.9, 0.0);
(587872.5, 4126375.1, 91.7, 95.9, 0.0); (587892.5, 4126375.1, 93.7, 93.7, 0.0);
(587912.5, 4126375.1, 94.7, 94.7, 0.0); (587932.5, 4126375.1, 94.6, 94.6, 0.0);
(587952.5, 4126375.1, 94.2, 94.2, 0.0); (587972.5, 4126375.1, 94.0, 94.0, 0.0);
(587992.5, 4126375.1, 93.5, 93.5, 0.0); (588012.5, 4126375.1, 94.0, 94.0, 0.0);
(588032.5, 4126375.1, 94.1, 94.1, 0.0); (588292.5, 4126375.1, 91.6, 91.6, 0.0);
(588312.5, 4126375.1, 91.7, 91.7, 0.0); (588332.5, 4126375.1, 90.7, 92.0, 0.0);
(588352.5, 4126375.1, 90.8, 90.8, 0.0); (588372.5, 4126375.1, 90.7, 90.7, 0.0);
(588392.5, 4126375.1, 90.5, 90.5, 0.0); (588412.5, 4126375.1, 90.5, 90.5, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(587812.5, 4126395.1, 94.8, 94.8, 0.0); (587832.5, 4126395.1, 95.3, 95.3, 0.0);
(587852.5, 4126395.1, 95.1, 95.1, 0.0); (587872.5, 4126395.1, 94.7, 94.7, 0.0);
(587892.5, 4126395.1, 91.9, 94.8, 0.0); (587912.5, 4126395.1, 91.4, 95.1, 0.0);
(587932.5, 4126395.1, 93.4, 94.5, 0.0); (587952.5, 4126395.1, 94.1, 94.1, 0.0);
(587972.5, 4126395.1, 94.0, 94.0, 0.0); (587992.5, 4126395.1, 93.8, 93.8, 0.0);
(588012.5, 4126395.1, 93.7, 93.7, 0.0); (588292.5, 4126395.1, 91.6, 91.6, 0.0);
(588312.5, 4126395.1, 91.6, 92.1, 0.0); (588332.5, 4126395.1, 90.7, 90.7, 0.0);
(588352.5, 4126395.1, 90.7, 90.7, 0.0); (588372.5, 4126395.1, 90.4, 90.4, 0.0);
(588392.5, 4126395.1, 90.1, 90.1, 0.0); (588412.5, 4126395.1, 89.9, 89.9, 0.0);
(587812.5, 4126415.1, 94.1, 94.1, 0.0); (587832.5, 4126415.1, 94.4, 94.4, 0.0);
(587852.5, 4126415.1, 94.1, 94.1, 0.0); (587872.5, 4126415.1, 94.0, 94.0, 0.0);
(587892.5, 4126415.1, 93.9, 93.9, 0.0); (587912.5, 4126415.1, 93.2, 93.2, 0.0);
(587932.5, 4126415.1, 91.2, 94.8, 0.0); (587952.5, 4126415.1, 91.8, 94.4, 0.0);
(587972.5, 4126415.1, 93.6, 94.0, 0.0); (587992.5, 4126415.1, 93.8, 93.8, 0.0);
(588332.5, 4126415.1, 91.0, 91.8, 0.0); (588352.5, 4126415.1, 90.7, 90.7, 0.0);
(588372.5, 4126415.1, 90.7, 90.7, 0.0); (588392.5, 4126415.1, 89.7, 89.7, 0.0);
(588412.5, 4126415.1, 90.2, 90.2, 0.0); (587812.5, 4126435.1, 93.8, 93.8, 0.0);
(587832.5, 4126435.1, 94.0, 94.0, 0.0); (587852.5, 4126435.1, 93.9, 93.9, 0.0);
(587872.5, 4126435.1, 93.7, 93.7, 0.0); (587892.5, 4126435.1, 93.7, 93.7, 0.0);
(587912.5, 4126435.1, 93.8, 93.8, 0.0); (587932.5, 4126435.1, 93.7, 93.7, 0.0);

(587952.5, 4126435.1, 93.0, 93.0, 0.0); (
587972.5, 4126435.1, 89.9, 94.4, 0.0);
(588352.5, 4126435.1, 90.6, 90.6, 0.0); (
588372.5, 4126435.1, 90.2, 90.2, 0.0);
(588392.5, 4126435.1, 90.1, 90.1, 0.0); (
588412.5, 4126435.1, 90.1, 90.1, 0.0);
(587812.5, 4126455.1, 93.3, 93.3, 0.0); (
587832.5, 4126455.1, 93.3, 93.3, 0.0);
(587852.5, 4126455.1, 93.3, 93.3, 0.0); (
587872.5, 4126455.1, 93.1, 93.1, 0.0);
(587892.5, 4126455.1, 93.0, 93.0, 0.0); (
587912.5, 4126455.1, 93.3, 93.3, 0.0);
(587932.5, 4126455.1, 93.6, 93.6, 0.0); (
587952.5, 4126455.1, 93.6, 93.6, 0.0);
(587972.5, 4126455.1, 93.0, 93.0, 0.0); (
588372.5, 4126455.1, 90.0, 90.0, 0.0);
(588392.5, 4126455.1, 89.8, 89.8, 0.0); (
588412.5, 4126455.1, 90.2, 90.2, 0.0);
(587812.5, 4126475.1, 94.0, 94.0, 0.0); (
587832.5, 4126475.1, 93.9, 93.9, 0.0);
(587852.5, 4126475.1, 93.8, 93.8, 0.0); (
587872.5, 4126475.1, 93.6, 93.6, 0.0);
(587892.5, 4126475.1, 93.6, 93.6, 0.0); (
587912.5, 4126475.1, 93.1, 93.1, 0.0);
(587932.5, 4126475.1, 93.1, 93.1, 0.0); (
587952.5, 4126475.1, 93.3, 93.3, 0.0);
(587972.5, 4126475.1, 93.1, 93.1, 0.0); (
588412.5, 4126475.1, 89.8, 89.8, 0.0);
(587812.5, 4126495.1, 94.3, 94.3, 0.0); (
587832.5, 4126495.1, 94.1, 94.1, 0.0);
(587852.5, 4126495.1, 93.8, 93.8, 0.0); (
587872.5, 4126495.1, 93.8, 93.8, 0.0);
(587892.5, 4126495.1, 93.5, 93.5, 0.0); (
587912.5, 4126495.1, 93.4, 93.4, 0.0);
(587932.5, 4126495.1, 92.7, 92.7, 0.0); (
587952.5, 4126495.1, 93.2, 93.2, 0.0);
(587972.5, 4126495.1, 93.4, 93.4, 0.0); (
587812.5, 4126515.1, 93.7, 93.7, 0.0);
(587832.5, 4126515.1, 93.6, 93.6, 0.0); (
587852.5, 4126515.1, 93.6, 93.6, 0.0);
(587872.5, 4126515.1, 93.5, 93.5, 0.0); (
587892.5, 4126515.1, 93.7, 93.7, 0.0);
(587912.5, 4126515.1, 93.2, 93.2, 0.0); (
587932.5, 4126515.1, 93.0, 93.0, 0.0);
(587952.5, 4126515.1, 92.6, 92.6, 0.0); (
587972.5, 4126515.1, 93.3, 93.3, 0.0);
(587812.5, 4126535.1, 93.5, 93.5, 0.0); (
587832.5, 4126535.1, 93.4, 93.4, 0.0);
(587852.5, 4126535.1, 93.2, 93.2, 0.0); (
587872.5, 4126535.1, 93.3, 93.3, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 587892.5, 4126535.1,      93.1,      93.1,       0.0);         (
587912.5, 4126535.1,      93.3,      93.3,       0.0);
     ( 587932.5, 4126535.1,      93.2,      93.2,       0.0);         (
587952.5, 4126535.1,      92.7,      92.7,       0.0);
     ( 587972.5, 4126535.1,      92.8,      92.8,       0.0);         (
587992.5, 4126535.1,      93.3,      93.3,       0.0);
     ( 588012.5, 4126535.1,      93.0,      93.0,       0.0);         (
588032.5, 4126535.1,      92.9,      92.9,       0.0);
     ( 587812.5, 4126555.1,      93.3,      93.3,       0.0);         (
587832.5, 4126555.1,      93.0,      93.0,       0.0);
     ( 587852.5, 4126555.1,      92.5,      92.5,       0.0);         (
587872.5, 4126555.1,      93.0,      93.0,       0.0);
     ( 587892.5, 4126555.1,      93.0,      93.0,       0.0);         (
587912.5, 4126555.1,      92.7,      92.7,       0.0);
     ( 587932.5, 4126555.1,      93.1,      93.1,       0.0);         (
587952.5, 4126555.1,      93.2,      93.2,       0.0);
     ( 587972.5, 4126555.1,      92.4,      92.4,       0.0);         (
587992.5, 4126555.1,      93.1,      93.1,       0.0);
     ( 588012.5, 4126555.1,      93.2,      93.2,       0.0);         (
588032.5, 4126555.1,      93.0,      93.0,       0.0);
     ( 587812.5, 4126575.1,      92.7,      92.7,       0.0);         (
587832.5, 4126575.1,      92.7,      92.7,       0.0);
     ( 587852.5, 4126575.1,      92.3,      92.3,       0.0);         (
587872.5, 4126575.1,      92.7,      92.7,       0.0);
     ( 587892.5, 4126575.1,      92.7,      92.7,       0.0);         (
587912.5, 4126575.1,      92.6,      92.6,       0.0);
     ( 587932.5, 4126575.1,      92.9,      92.9,       0.0);         (
587952.5, 4126575.1,      92.8,      92.8,       0.0);
     ( 587972.5, 4126575.1,      92.7,      92.7,       0.0);         (
587992.5, 4126575.1,      92.7,      92.7,       0.0);
     ( 588012.5, 4126575.1,      93.2,      93.2,       0.0);         (
588032.5, 4126575.1,      92.9,      92.9,       0.0);
     ( 588052.5, 4126575.1,      92.3,      92.3,       0.0);         (
587812.5, 4126595.1,      92.5,      92.5,       0.0);
     ( 587832.5, 4126595.1,      92.5,      92.5,       0.0);         (
587852.5, 4126595.1,      91.8,      91.8,       0.0);
     ( 587872.5, 4126595.1,      92.2,      92.2,       0.0);         (
587892.5, 4126595.1,      92.1,      92.1,       0.0);
     ( 587912.5, 4126595.1,      91.8,      91.8,       0.0);         (
587932.5, 4126595.1,      92.0,      92.0,       0.0);
```

(587952.5, 4126595.1, 92.1, 92.1, 0.0); (587972.5, 4126595.1, 92.2, 92.2, 0.0);
(587992.5, 4126595.1, 92.8, 92.8, 0.0); (588012.5, 4126595.1, 93.0, 93.0, 0.0);
(588032.5, 4126595.1, 92.8, 92.8, 0.0); (588052.5, 4126595.1, 92.4, 92.4, 0.0);
(588312.5, 4126595.1, 90.2, 90.2, 0.0); (588332.5, 4126595.1, 89.4, 89.4, 0.0);
(588352.5, 4126595.1, 89.2, 89.2, 0.0); (588372.5, 4126595.1, 89.6, 89.6, 0.0);
(588392.5, 4126595.1, 89.2, 89.2, 0.0); (588412.5, 4126595.1, 88.9, 88.9, 0.0);
(587812.5, 4126615.1, 91.6, 91.6, 0.0); (587832.5, 4126615.1, 92.3, 92.3, 0.0);
(587852.5, 4126615.1, 92.2, 92.2, 0.0); (587872.5, 4126615.1, 92.2, 92.2, 0.0);
(587892.5, 4126615.1, 92.2, 92.2, 0.0); (587912.5, 4126615.1, 92.2, 92.2, 0.0);
(587932.5, 4126615.1, 92.5, 92.5, 0.0); (587952.5, 4126615.1, 92.6, 92.6, 0.0);
(587972.5, 4126615.1, 92.2, 92.2, 0.0); (587992.5, 4126615.1, 92.6, 92.6, 0.0);
(588012.5, 4126615.1, 92.8, 92.8, 0.0); (588032.5, 4126615.1, 92.6, 92.6, 0.0);
(588052.5, 4126615.1, 92.3, 92.3, 0.0); (588252.5, 4126615.1, 90.6, 90.6, 0.0);
(588272.5, 4126615.1, 90.6, 90.6, 0.0); (588292.5, 4126615.1, 90.4, 90.4, 0.0);
(588312.5, 4126615.1, 90.0, 90.0, 0.0); (588332.5, 4126615.1, 89.8, 89.8, 0.0);
(588352.5, 4126615.1, 89.0, 89.0, 0.0); (588372.5, 4126615.1, 89.3, 89.3, 0.0);
(588392.5, 4126615.1, 88.8, 88.8, 0.0); (588412.5, 4126615.1, 88.4, 88.4, 0.0);
(587812.5, 4126635.1, 92.1, 92.1, 0.0); (587832.5, 4126635.1, 92.3, 92.3, 0.0);
(587852.5, 4126635.1, 92.4, 92.4, 0.0); (587872.5, 4126635.1, 92.4, 92.4, 0.0);
(587892.5, 4126635.1, 92.5, 92.5, 0.0); (587912.5, 4126635.1, 92.7, 92.7, 0.0);
(587932.5, 4126635.1, 92.5, 92.5, 0.0); (587952.5, 4126635.1, 92.6, 92.6, 0.0);
(587972.5, 4126635.1, 92.0, 92.0, 0.0); (587992.5, 4126635.1, 92.5, 92.5, 0.0);
(588012.5, 4126635.1, 92.8, 92.8, 0.0); (588032.5, 4126635.1, 92.3, 92.3, 0.0);
(588052.5, 4126635.1, 92.0, 92.0, 0.0); (588212.5, 4126635.1, 91.0, 91.0, 0.0);
(588232.5, 4126635.1, 90.9, 90.9, 0.0); (588252.5, 4126635.1, 90.7, 90.7, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 588272.5, 4126635.1,      90.4,      90.4,       0.0);         (
588292.5, 4126635.1,      90.1,      90.1,       0.0);
     ( 588312.5, 4126635.1,      90.1,      90.1,       0.0);         (
588332.5, 4126635.1,      89.8,      89.8,       0.0);
     ( 588352.5, 4126635.1,      88.9,      88.9,       0.0);         (
588372.5, 4126635.1,      88.5,      88.5,       0.0);
     ( 588392.5, 4126635.1,      88.6,      88.6,       0.0);         (
588412.5, 4126635.1,      88.7,      88.7,       0.0);
     ( 587812.5, 4126655.1,      92.0,      92.0,       0.0);         (
587832.5, 4126655.1,      91.9,      91.9,       0.0);
     ( 587852.5, 4126655.1,      91.8,      91.8,       0.0);         (
587872.5, 4126655.1,      91.6,      91.6,       0.0);
     ( 587892.5, 4126655.1,      91.8,      91.8,       0.0);         (
587912.5, 4126655.1,      91.9,      91.9,       0.0);
     ( 587932.5, 4126655.1,      92.0,      92.0,       0.0);         (
587952.5, 4126655.1,      92.0,      92.0,       0.0);
     ( 587972.5, 4126655.1,      91.9,      91.9,       0.0);         (
587992.5, 4126655.1,      91.9,      91.9,       0.0);
     ( 588012.5, 4126655.1,      91.8,      91.8,       0.0);         (
588032.5, 4126655.1,      91.9,      91.9,       0.0);
     ( 588172.5, 4126655.1,      91.4,      91.4,       0.0);         (
588192.5, 4126655.1,      91.4,      91.4,       0.0);
     ( 588212.5, 4126655.1,      91.1,      91.1,       0.0);         (
588232.5, 4126655.1,      90.7,      90.7,       0.0);
     ( 588252.5, 4126655.1,      90.6,      90.6,       0.0);         (
588272.5, 4126655.1,      90.4,      90.4,       0.0);
     ( 588292.5, 4126655.1,      90.2,      90.2,       0.0);         (
588312.5, 4126655.1,      90.1,      90.1,       0.0);
     ( 588332.5, 4126655.1,      89.9,      89.9,       0.0);         (
588352.5, 4126655.1,      89.2,      89.2,       0.0);
     ( 588372.5, 4126655.1,      89.2,      89.2,       0.0);         (
588392.5, 4126655.1,      89.3,      89.3,       0.0);
     ( 588412.5, 4126655.1,      89.2,      89.2,       0.0);         (
587812.5, 4126675.1,      91.3,      91.3,       0.0);
     ( 587832.5, 4126675.1,      91.4,      91.4,       0.0);         (
587852.5, 4126675.1,      91.3,      91.3,       0.0);
     ( 587872.5, 4126675.1,      91.4,      91.4,       0.0);         (
587892.5, 4126675.1,      91.2,      91.2,       0.0);
     ( 587912.5, 4126675.1,      91.3,      91.3,       0.0);         (
587932.5, 4126675.1,      91.8,      91.8,       0.0);
```

(587952.5, 4126675.1, 91.8, 91.8, 0.0); (587972.5, 4126675.1, 91.8, 91.8, 0.0);
(587992.5, 4126675.1, 91.7, 91.7, 0.0); (588012.5, 4126675.1, 91.7, 91.7, 0.0);
(588032.5, 4126675.1, 91.6, 91.6, 0.0); (588052.5, 4126675.1, 91.5, 91.5, 0.0);
(588072.5, 4126675.1, 91.1, 91.7, 0.0); (588092.5, 4126675.1, 89.0, 92.0, 0.0);
(588112.5, 4126675.1, 91.3, 91.3, 0.0); (588132.5, 4126675.1, 91.2, 91.2, 0.0);
(588152.5, 4126675.1, 90.9, 90.9, 0.0); (588172.5, 4126675.1, 91.0, 91.0, 0.0);
(588192.5, 4126675.1, 91.1, 91.1, 0.0); (588212.5, 4126675.1, 90.8, 90.8, 0.0);
(588232.5, 4126675.1, 90.7, 90.7, 0.0); (588252.5, 4126675.1, 90.4, 90.4, 0.0);
(588272.5, 4126675.1, 90.1, 90.1, 0.0); (588292.5, 4126675.1, 90.1, 90.1, 0.0);
(588312.5, 4126675.1, 90.1, 90.1, 0.0); (588332.5, 4126675.1, 89.7, 89.7, 0.0);
(588352.5, 4126675.1, 89.6, 89.6, 0.0); (588372.5, 4126675.1, 89.4, 89.4, 0.0);
(588392.5, 4126675.1, 89.2, 89.2, 0.0); (588412.5, 4126675.1, 88.8, 88.8, 0.0);
(587812.5, 4126695.1, 91.1, 91.1, 0.0); (587832.5, 4126695.1, 91.0, 91.0, 0.0);
(587852.5, 4126695.1, 91.0, 91.0, 0.0); (587872.5, 4126695.1, 90.8, 90.8, 0.0);
(587892.5, 4126695.1, 90.7, 90.7, 0.0); (587912.5, 4126695.1, 91.3, 91.3, 0.0);
(587932.5, 4126695.1, 91.6, 91.6, 0.0); (587952.5, 4126695.1, 91.6, 91.6, 0.0);
(587972.5, 4126695.1, 91.5, 91.5, 0.0); (587992.5, 4126695.1, 91.5, 91.5, 0.0);
(588012.5, 4126695.1, 91.5, 91.5, 0.0); (588032.5, 4126695.1, 91.2, 91.2, 0.0);
(588052.5, 4126695.1, 91.2, 91.2, 0.0); (588072.5, 4126695.1, 90.0, 91.7, 0.0);
(588092.5, 4126695.1, 86.8, 92.1, 0.0); (588112.5, 4126695.1, 91.0, 91.0, 0.0);
(588132.5, 4126695.1, 91.2, 91.2, 0.0); (588152.5, 4126695.1, 90.8, 90.8, 0.0);
(588172.5, 4126695.1, 90.6, 90.6, 0.0); (588192.5, 4126695.1, 90.8, 90.8, 0.0);
(588212.5, 4126695.1, 90.4, 90.4, 0.0); (588232.5, 4126695.1, 90.5, 90.5, 0.0);
(588252.5, 4126695.1, 90.0, 90.0, 0.0); (588272.5, 4126695.1, 90.1, 90.1, 0.0);
(588292.5, 4126695.1, 90.1, 90.1, 0.0); (588312.5, 4126695.1, 89.8, 89.8, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(588332.5, 4126695.1, 89.5, 89.5, 0.0); (588352.5, 4126695.1, 89.6, 89.6, 0.0);
(588372.5, 4126695.1, 89.1, 89.1, 0.0); (588392.5, 4126695.1, 89.0, 89.0, 0.0);
(588412.5, 4126695.1, 88.8, 88.8, 0.0); (587812.5, 4126715.1, 90.6, 90.6, 0.0);
(587832.5, 4126715.1, 90.8, 90.8, 0.0); (587852.5, 4126715.1, 90.7, 90.7, 0.0);
(587872.5, 4126715.1, 90.3, 90.3, 0.0); (587892.5, 4126715.1, 90.1, 90.1, 0.0);
(587912.5, 4126715.1, 90.8, 90.8, 0.0); (587932.5, 4126715.1, 91.1, 91.1, 0.0);
(587952.5, 4126715.1, 91.6, 91.6, 0.0); (587972.5, 4126715.1, 91.0, 91.0, 0.0);
(587992.5, 4126715.1, 91.2, 91.2, 0.0); (588012.5, 4126715.1, 91.2, 91.2, 0.0);
(588032.5, 4126715.1, 91.2, 91.2, 0.0); (588052.5, 4126715.1, 91.0, 91.0, 0.0);
(588072.5, 4126715.1, 87.3, 91.7, 0.0); (588092.5, 4126715.1, 90.3, 90.3, 0.0);
(588112.5, 4126715.1, 91.0, 91.0, 0.0); (588132.5, 4126715.1, 91.0, 91.0, 0.0);
(588152.5, 4126715.1, 90.5, 90.5, 0.0); (588172.5, 4126715.1, 90.5, 90.5, 0.0);
(588192.5, 4126715.1, 90.7, 90.7, 0.0); (588212.5, 4126715.1, 90.4, 90.4, 0.0);
(588232.5, 4126715.1, 90.2, 90.2, 0.0); (588252.5, 4126715.1, 89.9, 89.9, 0.0);
(588272.5, 4126715.1, 90.2, 90.2, 0.0); (588292.5, 4126715.1, 90.0, 90.0, 0.0);
(588312.5, 4126715.1, 89.7, 89.7, 0.0); (588332.5, 4126715.1, 89.7, 89.7, 0.0);
(588352.5, 4126715.1, 89.4, 89.4, 0.0); (588372.5, 4126715.1, 89.0, 89.0, 0.0);
(588392.5, 4126715.1, 88.6, 88.6, 0.0); (588412.5, 4126715.1, 88.5, 88.5, 0.0);
(587812.5, 4126735.1, 90.4, 90.4, 0.0); (587832.5, 4126735.1, 90.7, 90.7, 0.0);
(587852.5, 4126735.1, 90.6, 90.6, 0.0); (587872.5, 4126735.1, 90.3, 90.3, 0.0);

(587892.5, 4126735.1, 89.8, 89.8, 0.0); (587912.5, 4126735.1, 90.3, 90.3, 0.0);
(587932.5, 4126735.1, 90.7, 90.7, 0.0); (587952.5, 4126735.1, 91.6, 91.6, 0.0);
(587972.5, 4126735.1, 91.1, 91.1, 0.0); (587992.5, 4126735.1, 90.8, 90.8, 0.0);
(588012.5, 4126735.1, 91.2, 91.2, 0.0); (588032.5, 4126735.1, 91.2, 91.2, 0.0);
(588052.5, 4126735.1, 90.9, 90.9, 0.0); (588072.5, 4126735.1, 87.5, 91.8, 0.0);
(588092.5, 4126735.1, 91.1, 91.1, 0.0); (588112.5, 4126735.1, 90.9, 90.9, 0.0);
(588132.5, 4126735.1, 90.8, 90.8, 0.0); (588152.5, 4126735.1, 90.2, 90.2, 0.0);
(588172.5, 4126735.1, 90.5, 90.5, 0.0); (588192.5, 4126735.1, 90.4, 90.4, 0.0);
(588212.5, 4126735.1, 90.2, 90.2, 0.0); (588232.5, 4126735.1, 90.1, 90.1, 0.0);
(588252.5, 4126735.1, 89.7, 89.7, 0.0); (588272.5, 4126735.1, 90.0, 90.0, 0.0);
(588292.5, 4126735.1, 89.9, 89.9, 0.0); (588312.5, 4126735.1, 89.7, 89.7, 0.0);
(588332.5, 4126735.1, 89.3, 89.3, 0.0); (588352.5, 4126735.1, 88.8, 88.8, 0.0);
(588372.5, 4126735.1, 88.8, 88.8, 0.0); (588392.5, 4126735.1, 88.8, 88.8, 0.0);
(588412.5, 4126735.1, 88.7, 88.7, 0.0); (587812.5, 4126755.1, 90.2, 90.2, 0.0);
(587832.5, 4126755.1, 90.3, 90.3, 0.0); (587852.5, 4126755.1, 90.4, 90.4, 0.0);
(587872.5, 4126755.1, 90.3, 90.3, 0.0); (587892.5, 4126755.1, 89.5, 89.5, 0.0);
(587912.5, 4126755.1, 90.1, 90.1, 0.0); (587932.5, 4126755.1, 90.3, 90.3, 0.0);
(587952.5, 4126755.1, 91.3, 91.3, 0.0); (587972.5, 4126755.1, 91.1, 91.1, 0.0);
(587992.5, 4126755.1, 90.2, 90.2, 0.0); (588012.5, 4126755.1, 90.9, 90.9, 0.0);
(588032.5, 4126755.1, 91.0, 91.0, 0.0); (588052.5, 4126755.1, 90.7, 90.7, 0.0);
(588072.5, 4126755.1, 90.1, 91.0, 0.0); (588092.5, 4126755.1, 88.6, 91.1, 0.0);
(588112.5, 4126755.1, 90.6, 90.6, 0.0); (588132.5, 4126755.1, 90.7, 90.7, 0.0);
(588152.5, 4126755.1, 90.1, 90.1, 0.0); (588172.5, 4126755.1, 90.3, 90.3, 0.0);
(588192.5, 4126755.1, 90.4, 90.4, 0.0); (588212.5, 4126755.1, 90.1, 90.1, 0.0);
(588232.5, 4126755.1, 89.9, 89.9, 0.0); (588252.5, 4126755.1, 89.7, 89.7, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(588272.5, 4126755.1, 89.6, 89.6, 0.0); (588292.5, 4126755.1, 89.2, 89.2, 0.0);
(588312.5, 4126755.1, 89.1, 89.1, 0.0); (588332.5, 4126755.1, 89.0, 89.0, 0.0);
(588352.5, 4126755.1, 89.1, 89.1, 0.0); (588372.5, 4126755.1, 89.1, 89.1, 0.0);
(588392.5, 4126755.1, 89.1, 89.1, 0.0); (588412.5, 4126755.1, 88.6, 88.6, 0.0);
(587812.5, 4126775.1, 89.8, 89.8, 0.0); (587832.5, 4126775.1, 90.2, 90.2, 0.0);
(587852.5, 4126775.1, 90.3, 90.3, 0.0); (587872.5, 4126775.1, 90.1, 90.1, 0.0);
(587892.5, 4126775.1, 89.4, 89.4, 0.0); (587912.5, 4126775.1, 89.9, 89.9, 0.0);
(587932.5, 4126775.1, 90.1, 90.1, 0.0); (587952.5, 4126775.1, 91.0, 91.0, 0.0);
(587972.5, 4126775.1, 91.1, 91.1, 0.0); (587992.5, 4126775.1, 90.2, 90.2, 0.0);
(588012.5, 4126775.1, 90.2, 90.2, 0.0); (588032.5, 4126775.1, 90.7, 90.7, 0.0);
(588052.5, 4126775.1, 90.4, 90.4, 0.0); (588072.5, 4126775.1, 90.6, 90.6, 0.0);
(588092.5, 4126775.1, 86.2, 91.8, 0.0); (588112.5, 4126775.1, 90.6, 90.6, 0.0);
(588132.5, 4126775.1, 90.7, 90.7, 0.0); (588152.5, 4126775.1, 90.0, 90.0, 0.0);
(588172.5, 4126775.1, 90.0, 90.0, 0.0); (588192.5, 4126775.1, 90.0, 90.0, 0.0);
(588212.5, 4126775.1, 89.8, 89.8, 0.0); (588232.5, 4126775.1, 89.8, 89.8, 0.0);
(588252.5, 4126775.1, 89.2, 89.2, 0.0); (588272.5, 4126775.1, 89.2, 89.2, 0.0);
(588292.5, 4126775.1, 89.2, 89.2, 0.0); (588312.5, 4126775.1, 89.2, 89.2, 0.0);
(588332.5, 4126775.1, 89.1, 89.1, 0.0); (588352.5, 4126775.1, 89.0, 89.0, 0.0);
(588372.5, 4126775.1, 88.6, 88.6, 0.0); (588392.5, 4126775.1, 88.4, 88.4, 0.0);
(588412.5, 4126775.1, 88.3, 88.3, 0.0); (587812.5, 4126795.1, 89.6, 89.6, 0.0);

(587832.5, 4126795.1, 89.9, 89.9, 0.0); (587852.5, 4126795.1, 90.4, 90.4, 0.0);
(587872.5, 4126795.1, 90.2, 90.2, 0.0); (587892.5, 4126795.1, 89.3, 89.3, 0.0);
(587912.5, 4126795.1, 89.6, 89.6, 0.0); (587932.5, 4126795.1, 89.8, 89.8, 0.0);
(587952.5, 4126795.1, 89.5, 91.0, 0.0); (587972.5, 4126795.1, 89.6, 89.6, 0.0);
(587992.5, 4126795.1, 89.4, 89.4, 0.0); (588012.5, 4126795.1, 89.9, 89.9, 0.0);
(588032.5, 4126795.1, 90.5, 90.5, 0.0); (588052.5, 4126795.1, 90.3, 90.3, 0.0);
(588072.5, 4126795.1, 90.5, 90.5, 0.0); (588092.5, 4126795.1, 90.0, 90.4, 0.0);
(588112.5, 4126795.1, 88.7, 90.7, 0.0); (588132.5, 4126795.1, 90.3, 90.3, 0.0);
(588152.5, 4126795.1, 90.0, 90.0, 0.0); (588172.5, 4126795.1, 89.9, 89.9, 0.0);
(588192.5, 4126795.1, 89.5, 89.5, 0.0); (588212.5, 4126795.1, 89.4, 89.4, 0.0);
(588232.5, 4126795.1, 89.4, 89.4, 0.0); (588252.5, 4126795.1, 89.5, 89.5, 0.0);
(588272.5, 4126795.1, 89.5, 89.5, 0.0); (588292.5, 4126795.1, 89.5, 89.5, 0.0);
(588312.5, 4126795.1, 89.0, 89.0, 0.0); (588332.5, 4126795.1, 88.8, 88.8, 0.0);
(588352.5, 4126795.1, 88.6, 88.6, 0.0); (588372.5, 4126795.1, 88.5, 88.5, 0.0);
(588392.5, 4126795.1, 88.4, 88.4, 0.0); (588412.5, 4126795.1, 87.7, 87.7, 0.0);
(587812.5, 4126815.1, 89.6, 89.6, 0.0); (587832.5, 4126815.1, 89.8, 89.8, 0.0);
(587852.5, 4126815.1, 90.1, 90.1, 0.0); (587872.5, 4126815.1, 89.9, 89.9, 0.0);
(587892.5, 4126815.1, 89.2, 89.2, 0.0); (587912.5, 4126815.1, 89.5, 89.5, 0.0);
(587932.5, 4126815.1, 89.6, 89.6, 0.0); (587952.5, 4126815.1, 89.5, 89.5, 0.0);
(587972.5, 4126815.1, 89.3, 89.3, 0.0); (587992.5, 4126815.1, 89.1, 89.1, 0.0);
(588012.5, 4126815.1, 89.4, 89.4, 0.0); (588032.5, 4126815.1, 90.2, 90.2, 0.0);
(588052.5, 4126815.1, 90.0, 90.0, 0.0); (588072.5, 4126815.1, 90.1, 90.1, 0.0);
(588092.5, 4126815.1, 90.1, 90.1, 0.0); (588112.5, 4126815.1, 86.1, 90.8, 0.0);
(588132.5, 4126815.1, 90.2, 90.2, 0.0); (588152.5, 4126815.1, 90.0, 90.0, 0.0);
(588172.5, 4126815.1, 89.5, 89.5, 0.0); (588192.5, 4126815.1, 89.5, 89.5, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

```
     ( 588212.5, 4126815.1,      89.6,      89.6,       0.0);         (
588232.5, 4126815.1,      89.6,      89.6,       0.0);
     ( 588252.5, 4126815.1,      89.5,      89.5,       0.0);         (
588272.5, 4126815.1,      89.4,      89.4,       0.0);
     ( 588292.5, 4126815.1,      89.0,      89.0,       0.0);         (
588312.5, 4126815.1,      88.8,      88.8,       0.0);
     ( 588332.5, 4126815.1,      88.9,      88.9,       0.0);         (
588352.5, 4126815.1,      88.6,      88.6,       0.0);
     ( 588372.5, 4126815.1,      87.4,      87.4,       0.0);         (
588392.5, 4126815.1,      87.5,      87.5,       0.0);
     ( 588412.5, 4126815.1,      87.8,      87.8,       0.0);         (
587812.5, 4126835.1,      89.2,      89.2,       0.0);
     ( 587832.5, 4126835.1,      89.2,      89.2,       0.0);         (
587852.5, 4126835.1,      89.4,      89.4,       0.0);
     ( 587872.5, 4126835.1,      89.2,      89.2,       0.0);         (
587892.5, 4126835.1,      88.9,      88.9,       0.0);
     ( 587912.5, 4126835.1,      88.7,      88.7,       0.0);         (
587932.5, 4126835.1,      88.7,      88.7,       0.0);
     ( 587952.5, 4126835.1,      88.6,      88.6,       0.0);         (
587972.5, 4126835.1,      88.6,      88.6,       0.0);
     ( 587992.5, 4126835.1,      88.6,      88.6,       0.0);         (
588012.5, 4126835.1,      89.2,      89.7,       0.0);
     ( 588032.5, 4126835.1,      90.1,      90.1,       0.0);         (
588052.5, 4126835.1,      89.7,      89.7,       0.0);
     ( 588072.5, 4126835.1,      89.7,      89.7,       0.0);         (
588092.5, 4126835.1,      89.8,      89.8,       0.0);
     ( 588112.5, 4126835.1,      87.3,      90.3,       0.0);         (
588132.5, 4126835.1,      90.1,      90.1,       0.0);
     ( 588152.5, 4126835.1,      89.8,      89.8,       0.0);         (
588172.5, 4126835.1,      89.5,      89.5,       0.0);
     ( 588192.5, 4126835.1,      89.3,      89.3,       0.0);         (
588212.5, 4126835.1,      89.4,      89.4,       0.0);
     ( 588232.5, 4126835.1,      89.4,      89.4,       0.0);         (
588252.5, 4126835.1,      88.9,      88.9,       0.0);
     ( 588272.5, 4126835.1,      88.9,      88.9,       0.0);         (
588292.5, 4126835.1,      88.6,      88.6,       0.0);
     ( 588312.5, 4126835.1,      88.6,      88.6,       0.0);         (
588332.5, 4126835.1,      88.8,      88.8,       0.0);
     ( 588352.5, 4126835.1,      88.7,      88.7,       0.0);         (
588372.5, 4126835.1,      87.5,      88.1,       0.0);
```

(588392.5, 4126835.1, 88.1, 88.1, 0.0); (588412.5, 4126835.1, 88.0, 88.0, 0.0);
(587812.5, 4126855.1, 89.8, 89.8, 0.0); (587832.5, 4126855.1, 89.7, 89.7, 0.0);
(587852.5, 4126855.1, 89.6, 89.6, 0.0); (587872.5, 4126855.1, 89.6, 89.6, 0.0);
(587892.5, 4126855.1, 89.7, 89.7, 0.0); (587912.5, 4126855.1, 89.5, 89.5, 0.0);
(587932.5, 4126855.1, 89.5, 89.5, 0.0); (587952.5, 4126855.1, 89.4, 89.4, 0.0);
(587972.5, 4126855.1, 89.4, 89.4, 0.0); (587992.5, 4126855.1, 88.9, 88.9, 0.0);
(588012.5, 4126855.1, 88.9, 88.9, 0.0); (588032.5, 4126855.1, 89.8, 89.8, 0.0);
(588052.5, 4126855.1, 89.6, 89.6, 0.0); (588072.5, 4126855.1, 89.4, 89.4, 0.0);
(588092.5, 4126855.1, 89.2, 89.2, 0.0); (588112.5, 4126855.1, 89.4, 89.4, 0.0);
(588132.5, 4126855.1, 88.7, 90.2, 0.0); (588152.5, 4126855.1, 89.6, 89.6, 0.0);
(588172.5, 4126855.1, 89.5, 89.5, 0.0); (588192.5, 4126855.1, 89.0, 89.0, 0.0);
(588212.5, 4126855.1, 89.2, 89.2, 0.0); (588232.5, 4126855.1, 89.2, 89.2, 0.0);
(588252.5, 4126855.1, 88.8, 88.8, 0.0); (588272.5, 4126855.1, 88.6, 88.6, 0.0);
(588292.5, 4126855.1, 88.0, 88.0, 0.0); (588312.5, 4126855.1, 88.3, 88.3, 0.0);
(588332.5, 4126855.1, 88.5, 88.5, 0.0); (588352.5, 4126855.1, 88.2, 88.2, 0.0);
(588372.5, 4126855.1, 87.2, 87.2, 0.0); (588392.5, 4126855.1, 87.6, 87.6, 0.0);
(588412.5, 4126855.1, 87.7, 87.7, 0.0);

*** MODELOPTs: RegDFAULT CONC ELEV URBAN 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 1 1   1 1 1 1 1 1 1 1 1 1   1 1 1 1 1 1 1 1 1 1
1   1 1 1 1 1 1 1 1 1 1   1 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,

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface file: PalmVillas Saratoga.SFC
Met Version: 18081
Profile file: PalmVillas Saratoga.PFL
Surface format: FREE
Profile format: FREE
Surface station no.: 23293 Upper air station no.: 23230
Name: UNKNOWN Name: OAKLAND/WSO_AP
Year: 2013 Year: 2013

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
13	01	01	1	01	-17.4	0.169	-9.000	-9.000	-999.	167.	31.4	0.02	2.57	1.00	2.62	136.	7.9	277.0	2.0
13	01	01	1	02	-12.5	0.137	-9.000	-9.000	-999.	122.	20.8	0.02	2.57	1.00	2.16	129.	7.9	277.0	2.0
13	01	01	1	03	-4.1	0.080	-9.000	-9.000	-999.	55.	11.3	0.05	2.57	1.00	1.14	227.	7.9	276.4	2.0
13	01	01	1	04	-6.8	0.103	-9.000	-9.000	-999.	80.	14.8	0.05	2.57	1.00	1.43	102.	7.9	276.4	2.0
13	01	01	1	05	-10.0	0.126	-9.000	-9.000	-999.	108.	18.3	0.05	2.57	1.00	1.72	79.	7.9	277.0	2.0
13	01	01	1	06	-6.3	0.096	-9.000	-9.000	-999.	71.	12.8	0.02	2.57	1.00	1.55	153.	7.9	277.5	2.0
13	01	01	1	07	-2.4	0.062	-9.000	-9.000	-999.	37.	9.0	0.02	2.57	1.00	0.92	171.	7.9	277.5	2.0
13	01	01	1	08	-7.0	0.105	-9.000	-9.000	-999.	82.	15.0	0.05	2.57	0.74	1.45	6.	7.9	277.5	2.0
13	01	01	1	09	-0.3	0.039	-9.000	-9.000	-999.	21.	19.3	0.02	2.57	0.39	0.62	119.	7.9	279.2	2.0
13	01	01	1	10	65.7	0.147	0.659	0.005	159.	135.	-4.4	0.05	2.57	0.27	1.37	228.	7.9	280.9	2.0
13	01	01	1	11	118.0	0.197	1.211	0.006	550.	209.	-5.9	0.05	2.57	0.23	1.91	208.	7.9	281.4	2.0
13	01	01	1	12	147.9	0.180	1.536	0.008	894.	184.	-3.6	0.05	2.57	0.21	1.64	225.	7.9	283.1	2.0
13	01	01	1	13	152.7	0.150	1.579	0.007	941.	139.	-2.0	0.02	2.57	0.21	1.54	302.	7.9	283.8	2.0

```
 13 01 01   1 14  132.9  0.201  1.528  0.006  980.  216.     -5.6  0.05
2.57   0.22    1.94  277.    7.9  284.9    2.0
 13 01 01   1 15   89.1  0.138  1.349  0.005 1005.  124.     -2.7  0.02
2.57   0.25    1.48  308.    7.9  285.4    2.0
 13 01 01   1 16   25.1  0.174  0.887  0.005 1012.  174.    -19.0  0.05
2.57   0.33    1.86   10.    7.9  285.4    2.0
 13 01 01   1 17  -18.7  0.221 -9.000 -9.000 -999.  249.     53.5  0.05
2.57   0.57    2.89   12.    7.9  283.8    2.0
 13 01 01   1 18  -15.5  0.159 -9.000 -9.000 -999.  153.     27.9  0.05
2.57   1.00    2.13  353.    7.9  282.5    2.0
 13 01 01   1 19  -18.6  0.183 -9.000 -9.000 -999.  188.     36.9  0.05
2.57   1.00    2.50  225.    7.9  280.9    2.0
 13 01 01   1 20   -4.1  0.078 -9.000 -9.000 -999.   59.     10.5  0.02
2.57   1.00    1.26  136.    7.9  280.4    2.0
 13 01 01   1 21  -11.8  0.133 -9.000 -9.000 -999.  117.     19.6  0.02
2.57   1.00    2.10  125.    7.9  278.8    2.0
 13 01 01   1 22   -7.6  0.106 -9.000 -9.000 -999.   83.     14.3  0.02
2.57   1.00    1.70  110.    7.9  277.5    2.0
 13 01 01   1 23   -6.2  0.095 -9.000 -9.000 -999.   71.     12.7  0.02
2.57   1.00    1.54  146.    7.9  277.0    2.0
 13 01 01   1 24  -15.2  0.152 -9.000 -9.000 -999.  142.     25.4  0.02
2.57   1.00    2.37  130.    7.9  277.0    2.0


 First hour of profile data
 YR MO DY HR HEIGHT F  WDIR    WSPD AMB_TMP sigmaA  sigmaW  sigmaV
 13 01 01 01    7.9 1  136.    2.62   277.1   99.0  -99.00  -99.00

 F indicates top of profile (=1) or below (=0)
```

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587812.50	4126255.10	0.65137	587832.50	4126255.10	0.70091
587852.50	4126255.10	0.74953	587872.50	4126255.10	0.75412
587892.50	4126255.10	0.79495	587912.50	4126255.10	0.84020
587932.50	4126255.10	0.89431	587952.50	4126255.10	0.95960
587972.50	4126255.10	1.01429	587992.50	4126255.10	1.09486
588012.50	4126255.10	1.20203	588032.50	4126255.10	1.30753
588052.50	4126255.10	1.44597	588072.50	4126255.10	1.61107
588092.50	4126255.10	1.83774	588112.50	4126255.10	2.14572
588132.50	4126255.10	2.57136	588152.50	4126255.10	3.15471
588172.50	4126255.10	3.79292	588192.50	4126255.10	4.55805
588212.50	4126255.10	5.33250	588232.50	4126255.10	6.18235
588252.50	4126255.10	7.12310	588272.50	4126255.10	7.80066
588292.50	4126255.10	8.44785	588312.50	4126255.10	9.02425
588332.50	4126255.10	9.45715	588352.50	4126255.10	9.81098
588372.50	4126255.10	9.90972	588392.50	4126255.10	10.06938
588412.50	4126255.10	10.07287	587812.50	4126275.10	0.72006

587832.50 4126275.10 0.76594
587852.50 4126275.10 0.78284
587872.50 4126275.10 0.83811
587892.50 4126275.10 0.85088
587912.50 4126275.10 0.90461
587932.50 4126275.10 0.96142
587952.50 4126275.10 1.02791
587972.50 4126275.10 1.10154
587992.50 4126275.10 1.19777
588012.50 4126275.10 1.30155
588032.50 4126275.10 1.42311
588052.50 4126275.10 1.59713
588072.50 4126275.10 1.79019
588092.50 4126275.10 2.06686
588112.50 4126275.10 2.41990
588132.50 4126275.10 2.91092
588152.50 4126275.10 3.57403
588172.50 4126275.10 4.40089
588192.50 4126275.10 5.30320
588212.50 4126275.10 6.18632
588232.50 4126275.10 7.17955
588252.50 4126275.10 8.15092
588272.50 4126275.10 9.09066
588292.50 4126275.10 9.65627
588312.50 4126275.10 10.20566
588332.50 4126275.10 10.73015
588352.50 4126275.10 10.96262
588372.50 4126275.10 11.00314
588392.50 4126275.10 11.07990
588412.50 4126275.10 10.95586
587812.50 4126295.10 0.76965
587832.50 4126295.10 0.82314
587852.50 4126295.10 0.86282
587872.50 4126295.10 0.92898
587892.50 4126295.10 0.92089
587912.50 4126295.10 0.97635
587932.50 4126295.10 1.02999
587952.50 4126295.10 1.10341
587972.50 4126295.10 1.19628
587992.50 4126295.10 1.29499
588012.50 4126295.10 1.41028
588032.50 4126295.10 1.56412
588052.50 4126295.10 1.73893
588072.50 4126295.10 1.96869
588092.50 4126295.10 2.31211
588112.50 4126295.10 2.74708
588132.50 4126295.10 3.31398
588152.50 4126295.10 4.11494

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588232.50	4126295.10	8.38775	588252.50	4126295.10	9.49407
588272.50	4126295.10	10.45626	588292.50	4126295.10	11.21814
588312.50	4126295.10	11.73653	588332.50	4126295.10	12.03450
588352.50	4126295.10	12.10346	588372.50	4126295.10	12.21827
588392.50	4126295.10	12.13676	588412.50	4126295.10	11.87312
587812.50	4126315.10	0.85216	587832.50	4126315.10	0.89241
587852.50	4126315.10	0.94818	587872.50	4126315.10	0.97418
587892.50	4126315.10	1.00248	587912.50	4126315.10	1.05178
587932.50	4126315.10	1.11524	587952.50	4126315.10	1.19495
587972.50	4126315.10	1.31005	587992.50	4126315.10	1.40583
588012.50	4126315.10	1.54337	588032.50	4126315.10	1.70910
588052.50	4126315.10	1.93143	588072.50	4126315.10	2.20063
588092.50	4126315.10	2.55370	588112.50	4126315.10	3.13567
588132.50	4126315.10	3.85375	588232.50	4126315.10	9.93633
588252.50	4126315.10	11.06690	588272.50	4126315.10	11.99873
588292.50	4126315.10	12.84865	588312.50	4126315.10	13.18514

588332.50 4126315.10 13.43023
588352.50 4126315.10 13.51621
588372.50 4126315.10 13.50096
588392.50 4126315.10 13.19864
588412.50 4126315.10 12.84345
587812.50 4126335.10 0.94222
587832.50 4126335.10 0.97092
587852.50 4126335.10 1.07973
587872.50 4126335.10 1.05778
587892.50 4126335.10 1.09237
587912.50 4126335.10 1.15076
587932.50 4126335.10 1.21569
587952.50 4126335.10 1.31381
587972.50 4126335.10 1.42886
587992.50 4126335.10 1.55693
588012.50 4126335.10 1.71587
588032.50 4126335.10 1.89895
588052.50 4126335.10 2.14701
588072.50 4126335.10 2.44817
588092.50 4126335.10 2.91865
588272.50 4126335.10 13.91419
588292.50 4126335.10 14.60994
588312.50 4126335.10 14.94489
588332.50 4126335.10 15.14819
588352.50 4126335.10 15.14545
588372.50 4126335.10 14.89043
588392.50 4126335.10 14.33147
588412.50 4126335.10 13.82696
587812.50 4126355.10 1.05898
587832.50 4126355.10 1.08243
587852.50 4126355.10 1.17540
587872.50 4126355.10 1.18337
587892.50 4126355.10 1.20927
587912.50 4126355.10 1.26823
587932.50 4126355.10 1.34147
587952.50 4126355.10 1.44540
587972.50 4126355.10 1.56563
587992.50 4126355.10 1.71400
588012.50 4126355.10 1.89067
588032.50 4126355.10 2.10166
588052.50 4126355.10 2.34829
588072.50 4126355.10 2.76200
588292.50 4126355.10 16.81566
588312.50 4126355.10 17.20243
588332.50 4126355.10 17.11634
588352.50 4126355.10 16.81810
588372.50 4126355.10 16.09846
588392.50 4126355.10 15.47611

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588412.50	4126355.10	14.85269	587812.50	4126375.10	1.20126
587832.50	4126375.10	1.22691	587852.50	4126375.10	1.27003
587872.50	4126375.10	1.41030	587892.50	4126375.10	1.38988
587912.50	4126375.10	1.41270	587932.50	4126375.10	1.48883
587952.50	4126375.10	1.59665	587972.50	4126375.10	1.72695
587992.50	4126375.10	1.90563	588012.50	4126375.10	2.07652
588032.50	4126375.10	2.30872	588292.50	4126375.10	19.55253
588312.50	4126375.10	19.50450	588332.50	4126375.10	18.78965
588352.50	4126375.10	18.26883	588372.50	4126375.10	17.50976
588392.50	4126375.10	16.61990	588412.50	4126375.10	15.71470
587812.50	4126395.10	1.38513	587832.50	4126395.10	1.40151
587852.50	4126395.10	1.44244	587872.50	4126395.10	1.49534
587892.50	4126395.10	1.66392	587912.50	4126395.10	1.72765
587932.50	4126395.10	1.72472	587952.50	4126395.10	1.79002
587972.50	4126395.10	1.92764	587992.50	4126395.10	2.10393
588012.50	4126395.10	2.33149	588292.50	4126395.10	22.43380

588312.50 4126395.10 22.00559
588332.50 4126395.10 20.82386
588352.50 4126395.10 19.93273
588372.50 4126395.10 18.70859
588392.50 4126395.10 17.46627
588412.50 4126395.10 16.24425
587812.50 4126415.10 1.61836
587832.50 4126415.10 1.65129
587852.50 4126415.10 1.70691
587872.50 4126415.10 1.75908
587892.50 4126415.10 1.81215
587912.50 4126415.10 1.91160
587932.50 4126415.10 2.07198
587952.50 4126415.10 2.18600
587972.50 4126415.10 2.20140
587992.50 4126415.10 2.36747
588332.50 4126415.10 23.03876
588352.50 4126415.10 21.43575
588372.50 4126415.10 19.95892
588392.50 4126415.10 18.03946
588412.50 4126415.10 16.85259
587812.50 4126435.10 1.88436
587832.50 4126435.10 1.94110
587852.50 4126435.10 2.00766
587872.50 4126435.10 2.08008
587892.50 4126435.10 2.14187
587912.50 4126435.10 2.20433
587932.50 4126435.10 2.28935
587952.50 4126435.10 2.44690
587972.50 4126435.10 2.61716
588352.50 4126435.10 22.53759
588372.50 4126435.10 20.43411
588392.50 4126435.10 18.62085
588412.50 4126435.10 16.95896
587812.50 4126455.10 2.21973
587832.50 4126455.10 2.31238
587852.50 4126455.10 2.40108
587872.50 4126455.10 2.50827
587892.50 4126455.10 2.61487
587912.50 4126455.10 2.68562
587932.50 4126455.10 2.75420
587952.50 4126455.10 2.86206
587972.50 4126455.10 3.06072
588372.50 4126455.10 20.48812
588392.50 4126455.10 18.34623
588412.50 4126455.10 16.70215
587812.50 4126475.10 2.55160
587832.50 4126475.10 2.68323

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587852.50	4126475.10	2.82080	587872.50	4126475.10	2.97463
587892.50	4126475.10	3.10814	587912.50	4126475.10	3.29465
587932.50	4126475.10	3.43289	587952.50	4126475.10	3.54530
587972.50	4126475.10	3.72613	588412.50	4126475.10	15.79232
587812.50	4126495.10	2.96658	587832.50	4126495.10	3.15806
587852.50	4126495.10	3.37232	587872.50	4126495.10	3.58081
587892.50	4126495.10	3.81050	587912.50	4126495.10	4.04751
587932.50	4126495.10	4.36689	587952.50	4126495.10	4.50836
587972.50	4126495.10	4.67486	587812.50	4126515.10	3.51720
587832.50	4126515.10	3.77592	587852.50	4126515.10	4.05460
587872.50	4126515.10	4.37124	587892.50	4126515.10	4.67911
587912.50	4126515.10	5.08813	587932.50	4126515.10	5.49365
587952.50	4126515.10	5.97208	587972.50	4126515.10	6.16273
587812.50	4126535.10	4.13958	587832.50	4126535.10	4.50041
587852.50	4126535.10	4.91213	587872.50	4126535.10	5.34512
587892.50	4126535.10	5.88130	587912.50	4126535.10	6.40207

587932.50 4126535.10 7.01977
587952.50 4126535.10 7.85458
587972.50 4126535.10 8.51402
587992.50 4126535.10 8.97838
588012.50 4126535.10 9.65732
588032.50 4126535.10 10.16303
587812.50 4126555.10 4.87464
587832.50 4126555.10 5.39497
587852.50 4126555.10 6.03438
587872.50 4126555.10 6.58634
587892.50 4126555.10 7.32390
587912.50 4126555.10 8.28275
587932.50 4126555.10 9.14394
587952.50 4126555.10 10.25954
587972.50 4126555.10 11.97412
587992.50 4126555.10 12.95157
588012.50 4126555.10 14.14234
588032.50 4126555.10 15.17416
587812.50 4126575.10 5.84334
587832.50 4126575.10 6.49799
587852.50 4126575.10 7.35759
587872.50 4126575.10 8.16263
587892.50 4126575.10 9.27210
587912.50 4126575.10 10.64616
587932.50 4126575.10 12.11697
587952.50 4126575.10 14.09202
587972.50 4126575.10 16.60353
587992.50 4126575.10 19.42489
588012.50 4126575.10 21.97307
588032.50 4126575.10 25.03321
588052.50 4126575.10 24.80012
587812.50 4126595.10 6.98639
587832.50 4126595.10 7.87079
587852.50 4126595.10 9.11401
587872.50 4126595.10 10.30603
587892.50 4126595.10 12.00943
587912.50 4126595.10 14.19399
587932.50 4126595.10 16.79073
587952.50 4126595.10 20.10425
587972.50 4126595.10 24.46137
587992.50 4126595.10 29.35674
588012.50 4126595.10 36.17233
588032.50 4126595.10 44.76481
588052.50 4126595.10 48.26951
588312.50 4126595.10 13.14589
588332.50 4126595.10 11.41824
588352.50 4126595.10 10.16884
588372.50 4126595.10 9.25838

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588392.50	4126595.10	8.31167	588412.50	4126595.10	7.50419
587812.50	4126615.10	8.50889	587832.50	4126615.10	9.58271
587852.50	4126615.10	11.06043	587872.50	4126615.10	12.85877
587892.50	4126615.10	15.17774	587912.50	4126615.10	18.11757
587932.50	4126615.10	21.67980	587952.50	4126615.10	26.76711
587972.50	4126615.10	34.32811	587992.50	4126615.10	43.06950
588012.50	4126615.10	55.39710	588032.50	4126615.10	71.35455
588052.50	4126615.10	81.37013	588252.50	4126615.10	16.25065
588272.50	4126615.10	14.33980	588292.50	4126615.10	12.63049
588312.50	4126615.10	11.15357	588332.50	4126615.10	9.94001
588352.50	4126615.10	8.80344	588372.50	4126615.10	8.07118
588392.50	4126615.10	7.27801	588412.50	4126615.10	6.60346
587812.50	4126635.10	10.07885	587832.50	4126635.10	11.54442
587852.50	4126635.10	13.38168	587872.50	4126635.10	15.77986
587892.50	4126635.10	18.70309	587912.50	4126635.10	22.46654
587932.50	4126635.10	27.74366	587952.50	4126635.10	34.35323

587972.50 4126635.10 44.44451
587992.50 4126635.10 55.06101
588012.50 4126635.10 67.73367
588032.50 4126635.10 81.94298
588052.50 4126635.10 86.72318
588212.50 4126635.10 18.45206
588232.50 4126635.10 16.08323
588252.50 4126635.10 14.09243
588272.50 4126635.10 12.36071
588292.50 4126635.10 10.95638
588312.50 4126635.10 9.84245
588332.50 4126635.10 8.83529
588352.50 4126635.10 7.83748
588372.50 4126635.10 7.10265
588392.50 4126635.10 6.53370
588412.50 4126635.10 6.04142
587812.50 4126655.10 11.95355
587832.50 4126655.10 13.87350
587852.50 4126655.10 16.23295
587872.50 4126655.10 19.18164
587892.50 4126655.10 22.90105
587912.50 4126655.10 27.58832
587932.50 4126655.10 33.42996
587952.50 4126655.10 40.88704
587972.50 4126655.10 50.21579
587992.50 4126655.10 60.45064
588012.50 4126655.10 69.98087
588032.50 4126655.10 75.48016
588172.50 4126655.10 21.20592
588192.50 4126655.10 18.60752
588212.50 4126655.10 16.15884
588232.50 4126655.10 14.03501
588252.50 4126655.10 12.42838
588272.50 4126655.10 11.03488
588292.50 4126655.10 9.88195
588312.50 4126655.10 8.89960
588332.50 4126655.10 8.03847
588352.50 4126655.10 7.20691
588372.50 4126655.10 6.61394
588392.50 4126655.10 6.09199
588412.50 4126655.10 5.61375
587812.50 4126675.10 13.77788
587832.50 4126675.10 16.00865
587852.50 4126675.10 18.61840
587872.50 4126675.10 21.96178
587892.50 4126675.10 25.79996
587912.50 4126675.10 30.72716
587932.50 4126675.10 36.63808

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587952.50	4126675.10	43.31021	587972.50	4126675.10	50.45270
587992.50	4126675.10	57.09354	588012.50	4126675.10	61.52109
588032.50	4126675.10	61.85399	588052.50	4126675.10	57.40262
588072.50	4126675.10	48.33452	588092.50	4126675.10	34.96656
588112.50	4126675.10	30.98094	588132.50	4126675.10	24.32360
588152.50	4126675.10	20.06164	588172.50	4126675.10	17.69438
588192.50	4126675.10	15.79631	588212.50	4126675.10	13.92633
588232.50	4126675.10	12.42665	588252.50	4126675.10	11.03503
588272.50	4126675.10	9.87187	588292.50	4126675.10	8.92887
588312.50	4126675.10	8.12124	588332.50	4126675.10	7.32558
588352.50	4126675.10	6.69348	588372.50	4126675.10	6.13046
588392.50	4126675.10	5.64335	588412.50	4126675.10	5.17864
587812.50	4126695.10	15.39694	587832.50	4126695.10	17.69354
587852.50	4126695.10	20.43301	587872.50	4126695.10	23.55394
587892.50	4126695.10	27.19025	587912.50	4126695.10	32.11544
587932.50	4126695.10	37.13116	587952.50	4126695.10	42.15215

587972.50	4126695.10	46.75656	
587992.50	4126695.10	50.08316	
588012.50	4126695.10	51.14883	
588032.50	4126695.10	48.85157	
588052.50	4126695.10	44.49895	
588072.50	4126695.10	36.12686	
588092.50	4126695.10	26.87626	
588112.50	4126695.10	25.54544	
588132.50	4126695.10	20.80419	
588152.50	4126695.10	17.14977	
588172.50	4126695.10	14.88293	
588192.50	4126695.10	13.46445	
588212.50	4126695.10	11.99896	
588232.50	4126695.10	10.93315	
588252.50	4126695.10	9.75317	
588272.50	4126695.10	8.91282	
588292.50	4126695.10	8.13354	
588312.50	4126695.10	7.38531	
588332.50	4126695.10	6.72483	
588352.50	4126695.10	6.20113	
588372.50	4126695.10	5.66736	
588392.50	4126695.10	5.23635	
588412.50	4126695.10	4.84450	
587812.50	4126715.10	16.52317	
587832.50	4126715.10	18.90859	
587852.50	4126715.10	21.46705	
587872.50	4126715.10	24.21692	
587892.50	4126715.10	27.25882	
587912.50	4126715.10	31.36180	
587932.50	4126715.10	35.20443	
587952.50	4126715.10	38.82650	
587972.50	4126715.10	40.58440	
587992.50	4126715.10	42.03551	
588012.50	4126715.10	41.36507	
588032.50	4126715.10	38.94486	
588052.50	4126715.10	35.01296	
588072.50	4126715.10	26.63541	
588092.50	4126715.10	25.18796	
588112.50	4126715.10	21.47790	
588132.50	4126715.10	17.75005	
588152.50	4126715.10	14.64999	
588172.50	4126715.10	12.84708	
588192.50	4126715.10	11.60837	
588212.50	4126715.10	10.47342	
588232.50	4126715.10	9.56306	
588252.50	4126715.10	8.70968	
588272.50	4126715.10	8.06188	
588292.50	4126715.10	7.37500	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588312.50	4126715.10	6.74525	588332.50	4126715.10	6.22367
588352.50	4126715.10	5.72420	588372.50	4126715.10	5.26389
588392.50	4126715.10	4.85925	588412.50	4126715.10	4.52262
587812.50	4126735.10	17.28840	587832.50	4126735.10	19.58428
587852.50	4126735.10	21.85143	587872.50	4126735.10	24.20835
587892.50	4126735.10	26.35608	587912.50	4126735.10	29.34488
587932.50	4126735.10	31.97299	587952.50	4126735.10	34.55258
587972.50	4126735.10	35.09938	587992.50	4126735.10	34.60260
588012.50	4126735.10	33.74894	588032.50	4126735.10	31.47720
588052.50	4126735.10	28.12259	588072.50	4126735.10	22.10583
588092.50	4126735.10	21.60950	588112.50	4126735.10	18.11626
588132.50	4126735.10	15.18975	588152.50	4126735.10	12.71329
588172.50	4126735.10	11.20900	588192.50	4126735.10	10.06779
588212.50	4126735.10	9.16902	588232.50	4126735.10	8.43123
588252.50	4126735.10	7.74987	588272.50	4126735.10	7.22505
588292.50	4126735.10	6.69099	588312.50	4126735.10	6.18134

588332.50 4126735.10 5.69515
588352.50 4126735.10 5.24902
588372.50 4126735.10 4.88676
588392.50 4126735.10 4.56562
588412.50 4126735.10 4.26662
587812.50 4126755.10 17.61353
587832.50 4126755.10 19.49870
587852.50 4126755.10 21.50300
587872.50 4126755.10 23.42073
587892.50 4126755.10 24.81906
587912.50 4126755.10 26.89701
587932.50 4126755.10 28.33353
587952.50 4126755.10 30.10525
587972.50 4126755.10 29.93942
587992.50 4126755.10 28.37280
588012.50 4126755.10 27.52824
588032.50 4126755.10 25.59827
588052.50 4126755.10 23.02089
588072.50 4126755.10 20.07395
588092.50 4126755.10 16.77327
588112.50 4126755.10 15.41021
588132.50 4126755.10 13.20055
588152.50 4126755.10 11.17478
588172.50 4126755.10 9.86486
588192.50 4126755.10 8.88521
588212.50 4126755.10 8.08725
588232.50 4126755.10 7.47201
588252.50 4126755.10 6.93267
588272.50 4126755.10 6.46581
588292.50 4126755.10 5.98700
588312.50 4126755.10 5.58923
588332.50 4126755.10 5.22245
588352.50 4126755.10 4.89472
588372.50 4126755.10 4.58108
588392.50 4126755.10 4.29628
588412.50 4126755.10 4.00021
587812.50 4126775.10 17.37774
587832.50 4126775.10 19.07458
587852.50 4126775.10 20.67531
587872.50 4126775.10 22.07042
587892.50 4126775.10 22.93135
587912.50 4126775.10 24.22104
587932.50 4126775.10 25.00370
587952.50 4126775.10 25.81024
587972.50 4126775.10 25.48974
587992.50 4126775.10 23.89552
588012.50 4126775.10 22.52618
588032.50 4126775.10 21.15338

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588052.50	4126775.10	19.09997	588072.50	4126775.10	17.20884
588092.50	4126775.10	13.55352	588112.50	4126775.10	13.31208
588132.50	4126775.10	11.57528	588152.50	4126775.10	9.91055
588172.50	4126775.10	8.74856	588192.50	4126775.10	7.86773
588212.50	4126775.10	7.17718	588232.50	4126775.10	6.66022
588252.50	4126775.10	6.17003	588272.50	4126775.10	5.79038
588292.50	4126775.10	5.45639	588312.50	4126775.10	5.13332
588332.50	4126775.10	4.81640	588352.50	4126775.10	4.52705
588372.50	4126775.10	4.23229	588392.50	4126775.10	3.97599
588412.50	4126775.10	3.73962	587812.50	4126795.10	16.87693
587832.50	4126795.10	18.19605	587852.50	4126795.10	19.56974
587872.50	4126795.10	20.50204	587892.50	4126795.10	20.86535
587912.50	4126795.10	21.51171	587932.50	4126795.10	21.78222
587952.50	4126795.10	21.44128	587972.50	4126795.10	20.87557
587992.50	4126795.10	19.84650	588012.50	4126795.10	18.89162
588032.50	4126795.10	17.77494	588052.50	4126795.10	16.18950

588072.50 4126795.10 14.70151
588092.50 4126795.10 12.94455
588112.50 4126795.10 11.08458
588132.50 4126795.10 10.13716
588152.50 4126795.10 8.85993
588172.50 4126795.10 7.83323
588192.50 4126795.10 7.00627
588212.50 4126795.10 6.40644
588232.50 4126795.10 5.95546
588252.50 4126795.10 5.60034
588272.50 4126795.10 5.28925
588292.50 4126795.10 4.99534
588312.50 4126795.10 4.68213
588332.50 4126795.10 4.41969
588352.50 4126795.10 4.16942
588372.50 4126795.10 3.93621
588392.50 4126795.10 3.72061
588412.50 4126795.10 3.47865
587812.50 4126815.10 16.17234
587832.50 4126815.10 17.17545
587852.50 4126815.10 18.08681
587872.50 4126815.10 18.64656
587892.50 4126815.10 18.78750
587912.50 4126815.10 19.08251
587932.50 4126815.10 19.06523
587952.50 4126815.10 18.59700
587972.50 4126815.10 17.87238
587992.50 4126815.10 16.89383
588012.50 4126815.10 15.96865
588032.50 4126815.10 15.10552
588052.50 4126815.10 13.82521
588072.50 4126815.10 12.59182
588092.50 4126815.10 11.34613
588112.50 4126815.10 9.25832
588132.50 4126815.10 9.03238
588152.50 4126815.10 7.96575
588172.50 4126815.10 7.04368
588192.50 4126815.10 6.36174
588212.50 4126815.10 5.84433
588232.50 4126815.10 5.43099
588252.50 4126815.10 5.08681
588272.50 4126815.10 4.79964
588292.50 4126815.10 4.52489
588312.50 4126815.10 4.28891
588332.50 4126815.10 4.08308
588352.50 4126815.10 3.86109
588372.50 4126815.10 3.60009
588392.50 4126815.10 3.42725

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588412.50	4126815.10	3.27539	587812.50	4126835.10	15.18519
587832.50	4126835.10	15.84223	587852.50	4126835.10	16.43439
587872.50	4126835.10	16.71265	587892.50	4126835.10	16.77426
587912.50	4126835.10	16.66158	587932.50	4126835.10	16.37686
587952.50	4126835.10	15.90163	587972.50	4126835.10	15.25349
587992.50	4126835.10	14.45527	588012.50	4126835.10	13.75021
588032.50	4126835.10	13.05932	588052.50	4126835.10	11.94922
588072.50	4126835.10	10.92891	588092.50	4126835.10	9.94559
588112.50	4126835.10	8.48881	588132.50	4126835.10	8.07869
588152.50	4126835.10	7.18050	588172.50	4126835.10	6.40138
588192.50	4126835.10	5.78831	588212.50	4126835.10	5.31272
588232.50	4126835.10	4.93569	588252.50	4126835.10	4.59671
588272.50	4126835.10	4.35221	588292.50	4126835.10	4.12057
588312.50	4126835.10	3.92789	588332.50	4126835.10	3.76297
588352.50	4126835.10	3.58565	588372.50	4126835.10	3.36154
588392.50	4126835.10	3.23638	588412.50	4126835.10	3.08650

587812.50	4126855.10	14.39544	
587832.50	4126855.10	14.80316	
587852.50	4126855.10	15.07954	
587872.50	4126855.10	15.26266	
587892.50	4126855.10	15.30086	
587912.50	4126855.10	15.04042	
587932.50	4126855.10	14.69864	
587952.50	4126855.10	14.19697	
587972.50	4126855.10	13.56826	
587992.50	4126855.10	12.72450	
588012.50	4126855.10	11.94683	
588032.50	4126855.10	11.35169	
588052.50	4126855.10	10.46789	
588072.50	4126855.10	9.59311	
588092.50	4126855.10	8.72599	
588112.50	4126855.10	7.95500	
588132.50	4126855.10	7.08704	
588152.50	4126855.10	6.50754	
588172.50	4126855.10	5.86218	
588192.50	4126855.10	5.28593	
588212.50	4126855.10	4.86484	
588232.50	4126855.10	4.52550	
588252.50	4126855.10	4.21612	
588272.50	4126855.10	3.98052	
588292.50	4126855.10	3.76047	
588312.50	4126855.10	3.61039	
588332.50	4126855.10	3.46413	
588352.50	4126855.10	3.30700	
588372.50	4126855.10	3.12309	
588392.50	4126855.10	3.00457	
588412.50	4126855.10	2.88152	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587812.50	4126255.10	0.64753	587832.50	4126255.10	0.68875
587852.50	4126255.10	0.72802	587872.50	4126255.10	0.72027
587892.50	4126255.10	0.74751	587912.50	4126255.10	0.77852
587932.50	4126255.10	0.81657	587952.50	4126255.10	0.86521
587972.50	4126255.10	0.90316	587992.50	4126255.10	0.96482
588012.50	4126255.10	1.04808	588032.50	4126255.10	1.12595
588052.50	4126255.10	1.22129	588072.50	4126255.10	1.32445
588092.50	4126255.10	1.45154	588112.50	4126255.10	1.61418
588132.50	4126255.10	1.84221	588152.50	4126255.10	2.18035
588172.50	4126255.10	2.59103	588192.50	4126255.10	3.15595
588212.50	4126255.10	3.80754	588232.50	4126255.10	4.62632
588252.50	4126255.10	5.65779	588272.50	4126255.10	6.51381
588292.50	4126255.10	7.42615	588312.50	4126255.10	8.32397
588332.50	4126255.10	9.09566	588352.50	4126255.10	9.76478
588372.50	4126255.10	10.15504	588392.50	4126255.10	10.55182
588412.50	4126255.10	10.74843	587812.50	4126275.10	0.72428

587832.50 4126275.10 0.76285
587852.50 4126275.10 0.76745
587872.50 4126275.10 0.81097
587892.50 4126275.10 0.80750
587912.50 4126275.10 0.84481
587932.50 4126275.10 0.88269
587952.50 4126275.10 0.92891
587972.50 4126275.10 0.98082
587992.50 4126275.10 1.05225
588012.50 4126275.10 1.13007
588032.50 4126275.10 1.21934
588052.50 4126275.10 1.33837
588072.50 4126275.10 1.45567
588092.50 4126275.10 1.60668
588112.50 4126275.10 1.78538
588132.50 4126275.10 2.03976
588152.50 4126275.10 2.41430
588172.50 4126275.10 2.94951
588192.50 4126275.10 3.62749
588212.50 4126275.10 4.39680
588232.50 4126275.10 5.39531
588252.50 4126275.10 6.52149
588272.50 4126275.10 7.76093
588292.50 4126275.10 8.65752
588312.50 4126275.10 9.60950
588332.50 4126275.10 10.50330
588352.50 4126275.10 11.11072
588372.50 4126275.10 11.51987
588392.50 4126275.10 11.81774
588412.50 4126275.10 11.83107
587812.50 4126295.10 0.78421
587832.50 4126295.10 0.82930
587852.50 4126295.10 0.85804
587872.50 4126295.10 0.91302
587892.50 4126295.10 0.88518
587912.50 4126295.10 0.92135
587932.50 4126295.10 0.95288
587952.50 4126295.10 1.00197
587972.50 4126295.10 1.06763
587992.50 4126295.10 1.13823
588012.50 4126295.10 1.22059
588032.50 4126295.10 1.33278
588052.50 4126295.10 1.44928
588072.50 4126295.10 1.58678
588092.50 4126295.10 1.77038
588112.50 4126295.10 1.98434
588132.50 4126295.10 2.26518
588152.50 4126295.10 2.71035

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588232.50	4126295.10	6.34960	588252.50	4126295.10	7.71502
588272.50	4126295.10	9.08993	588292.50	4126295.10	10.28257
588312.50	4126295.10	11.28119	588332.50	4126295.10	12.08273
588352.50	4126295.10	12.59178	588372.50	4126295.10	13.05307
588392.50	4126295.10	13.13240	588412.50	4126295.10	13.05649
587812.50	4126315.10	0.87693	587832.50	4126315.10	0.91024
587852.50	4126315.10	0.95767	587872.50	4126315.10	0.96853
587892.50	4126315.10	0.97868	587912.50	4126315.10	1.00520
587932.50	4126315.10	1.04316	587952.50	4126315.10	1.09382
587972.50	4126315.10	1.17504	587992.50	4126315.10	1.23599
588012.50	4126315.10	1.33316	588032.50	4126315.10	1.44905
588052.50	4126315.10	1.59764	588072.50	4126315.10	1.75406
588092.50	4126315.10	1.93201	588112.50	4126315.10	2.21296
588132.50	4126315.10	2.55954	588232.50	4126315.10	7.62938
588252.50	4126315.10	9.15316	588272.50	4126315.10	10.63319
588292.50	4126315.10	12.07402	588312.50	4126315.10	13.06742

588332.50 4126315.10 13.87163
588352.50 4126315.10 14.43502
588372.50 4126315.10 14.62367
588392.50 4126315.10 14.57883
588412.50 4126315.10 14.40688
587812.50 4126335.10 0.97923
587832.50 4126335.10 1.00264
587852.50 4126335.10 1.10248
587872.50 4126335.10 1.06866
587892.50 4126335.10 1.08454
587912.50 4126335.10 1.12010
587932.50 4126335.10 1.15489
587952.50 4126335.10 1.21800
587972.50 4126335.10 1.29253
587992.50 4126335.10 1.37397
588012.50 4126335.10 1.48187
588032.50 4126335.10 1.60391
588052.50 4126335.10 1.76383
588072.50 4126335.10 1.93307
588092.50 4126335.10 2.16633
588272.50 4126335.10 12.66746
588292.50 4126335.10 14.17390
588312.50 4126335.10 15.24632
588332.50 4126335.10 16.12413
588352.50 4126335.10 16.42197
588372.50 4126335.10 16.55153
588392.50 4126335.10 16.19886
588412.50 4126335.10 15.84646
587812.50 4126355.10 1.10757
587832.50 4126355.10 1.12916
587852.50 4126355.10 1.21638
587872.50 4126355.10 1.21415
587892.50 4126355.10 1.22349
587912.50 4126355.10 1.25869
587932.50 4126355.10 1.30021
587952.50 4126355.10 1.36329
587972.50 4126355.10 1.43415
587992.50 4126355.10 1.52564
588012.50 4126355.10 1.63628
588032.50 4126355.10 1.77112
588052.50 4126355.10 1.92127
588072.50 4126355.10 2.15709
588292.50 4126355.10 16.88710
588312.50 4126355.10 18.07154
588332.50 4126355.10 18.55418
588352.50 4126355.10 18.79541
588372.50 4126355.10 18.34916
588392.50 4126355.10 17.93298

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588412.50	4126355.10	17.42373	587812.50	4126375.10	1.25797
587832.50	4126375.10	1.28661	587852.50	4126375.10	1.32802
587872.50	4126375.10	1.45142	587892.50	4126375.10	1.43115
587912.50	4126375.10	1.43269	587932.50	4126375.10	1.47585
587952.50	4126375.10	1.54039	587972.50	4126375.10	1.61311
587992.50	4126375.10	1.71992	588012.50	4126375.10	1.80868
588032.50	4126375.10	1.94661	588292.50	4126375.10	20.27878
588312.50	4126375.10	21.29086	588332.50	4126375.10	21.02810
588352.50	4126375.10	21.03685	588372.50	4126375.10	20.56415
588392.50	4126375.10	19.77987	588412.50	4126375.10	18.86763
587812.50	4126395.10	1.44426	587832.50	4126395.10	1.46963
587852.50	4126395.10	1.51622	587872.50	4126395.10	1.56947
587892.50	4126395.10	1.71576	587912.50	4126395.10	1.76170
587932.50	4126395.10	1.75393	587952.50	4126395.10	1.77460
587972.50	4126395.10	1.84749	587992.50	4126395.10	1.93897
588012.50	4126395.10	2.05988	588292.50	4126395.10	24.33028

588312.50 4126395.10 25.04817
588332.50 4126395.10 24.24257
588352.50 4126395.10 23.78364
588372.50 4126395.10 22.65105
588392.50 4126395.10 21.33379
588412.50 4126395.10 19.93119
587812.50 4126415.10 1.66778
587832.50 4126415.10 1.71602
587852.50 4126415.10 1.78374
587872.50 4126415.10 1.84678
587892.50 4126415.10 1.90720
587912.50 4126415.10 2.00275
587932.50 4126415.10 2.11941
587952.50 4126415.10 2.20757
587972.50 4126415.10 2.17960
587992.50 4126415.10 2.24856
588332.50 4126415.10 28.05630
588352.50 4126415.10 26.54928
588372.50 4126415.10 24.97919
588392.50 4126415.10 22.59712
588412.50 4126415.10 21.15171
587812.50 4126435.10 1.91290
587832.50 4126435.10 1.98884
587852.50 4126435.10 2.07554
587872.50 4126435.10 2.16699
587892.50 4126435.10 2.24880
587912.50 4126435.10 2.32731
587932.50 4126435.10 2.41644
587952.50 4126435.10 2.55583
587972.50 4126435.10 2.64384
588352.50 4126435.10 28.94412
588372.50 4126435.10 26.28724
588392.50 4126435.10 23.90600
588412.50 4126435.10 21.65912
587812.50 4126455.10 2.21243
587832.50 4126455.10 2.32401
587852.50 4126455.10 2.43590
587872.50 4126455.10 2.56876
587892.50 4126455.10 2.70560
587912.50 4126455.10 2.81278
587932.50 4126455.10 2.91484
587952.50 4126455.10 3.03950
587972.50 4126455.10 3.22298
588372.50 4126455.10 26.96151
588392.50 4126455.10 23.91131
588412.50 4126455.10 21.56518
587812.50 4126475.10 2.49637
587832.50 4126475.10 2.64411

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587852.50	4126475.10	2.80393	587872.50	4126475.10	2.98559
587892.50	4126475.10	3.15927	587912.50	4126475.10	3.38901
587932.50	4126475.10	3.58413	587952.50	4126475.10	3.75763
587972.50	4126475.10	3.98165	588412.50	4126475.10	20.38420
587812.50	4126495.10	2.84005	587832.50	4126495.10	3.03885
587852.50	4126495.10	3.26491	587872.50	4126495.10	3.49765
587892.50	4126495.10	3.76167	587912.50	4126495.10	4.05109
587932.50	4126495.10	4.43044	587952.50	4126495.10	4.68019
587972.50	4126495.10	4.96604	587812.50	4126515.10	3.28913
587832.50	4126515.10	3.53840	587852.50	4126515.10	3.81501
587872.50	4126515.10	4.13568	587892.50	4126515.10	4.46398
587912.50	4126515.10	4.90277	587932.50	4126515.10	5.37007
587952.50	4126515.10	5.94189	587972.50	4126515.10	6.32821
587812.50	4126535.10	3.78476	587832.50	4126535.10	4.11321
587852.50	4126535.10	4.48971	587872.50	4126535.10	4.89369
587892.50	4126535.10	5.39823	587912.50	4126535.10	5.91490

587932.50 4126535.10 6.54783
587952.50 4126535.10 7.41520
587972.50 4126535.10 8.23388
587992.50 4126535.10 9.03066
588012.50 4126535.10 10.19736
588032.50 4126535.10 11.41087
587812.50 4126555.10 4.36383
587832.50 4126555.10 4.81312
587852.50 4126555.10 5.36236
587872.50 4126555.10 5.84272
587892.50 4126555.10 6.48652
587912.50 4126555.10 7.32447
587932.50 4126555.10 8.11754
587952.50 4126555.10 9.16817
587972.50 4126555.10 10.79010
587992.50 4126555.10 12.03500
588012.50 4126555.10 13.80680
588032.50 4126555.10 16.15299
587812.50 4126575.10 5.12602
587832.50 4126575.10 5.66461
587852.50 4126575.10 6.36953
587872.50 4126575.10 7.02211
587892.50 4126575.10 7.91879
587912.50 4126575.10 9.02593
587932.50 4126575.10 10.22161
587952.50 4126575.10 11.83393
587972.50 4126575.10 13.91926
587992.50 4126575.10 16.43483
588012.50 4126575.10 19.22055
588032.50 4126575.10 23.68234
588052.50 4126575.10 30.34830
587812.50 4126595.10 5.99700
587832.50 4126595.10 6.69197
587852.50 4126595.10 7.58625
587872.50 4126595.10 8.56589
587892.50 4126595.10 9.80936
587912.50 4126595.10 11.31334
587932.50 4126595.10 13.19238
587952.50 4126595.10 15.58247
587972.50 4126595.10 18.66973
587992.50 4126595.10 22.12621
588012.50 4126595.10 27.09959
588032.50 4126595.10 34.45068
588052.50 4126595.10 45.41810
588312.50 4126595.10 15.62163
588332.50 4126595.10 13.45959
588352.50 4126595.10 11.91105
588372.50 4126595.10 10.79078

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588392.50	4126595.10	9.62163	588412.50	4126595.10	8.62982
587812.50	4126615.10	7.05297	587832.50	4126615.10	7.92244
587852.50	4126615.10	9.00474	587872.50	4126615.10	10.28894
587892.50	4126615.10	11.89900	587912.50	4126615.10	13.87297
587932.50	4126615.10	16.18098	587952.50	4126615.10	19.35209
587972.50	4126615.10	23.86343	587992.50	4126615.10	28.89338
588012.50	4126615.10	35.94041	588032.50	4126615.10	46.09960
588052.50	4126615.10	59.61654	588252.50	4126615.10	19.98059
588272.50	4126615.10	17.50540	588292.50	4126615.10	15.26737
588312.50	4126615.10	13.34504	588332.50	4126615.10	11.78270
588352.50	4126615.10	10.33398	588372.50	4126615.10	9.41365
588392.50	4126615.10	8.42175	588412.50	4126615.10	7.58861
587812.50	4126635.10	8.21125	587832.50	4126635.10	9.26686
587852.50	4126635.10	10.54475	587872.50	4126635.10	12.16490
587892.50	4126635.10	14.07045	587912.50	4126635.10	16.43881
587932.50	4126635.10	19.63188	587952.50	4126635.10	23.46725

587972.50	4126635.10	28.90316	
587992.50	4126635.10	35.03979	
588012.50	4126635.10	42.60600	
588032.50	4126635.10	53.50172	
588052.50	4126635.10	64.96194	
588212.50	4126635.10	22.92170	
588232.50	4126635.10	20.04201	
588252.50	4126635.10	17.48781	
588272.50	4126635.10	15.18844	
588292.50	4126635.10	13.32119	
588312.50	4126635.10	11.85186	
588332.50	4126635.10	10.53277	
588352.50	4126635.10	9.24011	
588372.50	4126635.10	8.30029	
588392.50	4126635.10	7.58262	
588412.50	4126635.10	6.96466	
587812.50	4126655.10	9.45582	
587832.50	4126655.10	10.75345	
587852.50	4126655.10	12.31815	
587872.50	4126655.10	14.20129	
587892.50	4126655.10	16.53750	
587912.50	4126655.10	19.39010	
587932.50	4126655.10	22.90817	
587952.50	4126655.10	27.24801	
587972.50	4126655.10	32.56245	
587992.50	4126655.10	38.93936	
588012.50	4126655.10	46.29318	
588032.50	4126655.10	54.10536	
588172.50	4126655.10	28.62161	
588192.50	4126655.10	23.15794	
588212.50	4126655.10	19.61399	
588232.50	4126655.10	17.02315	
588252.50	4126655.10	15.10914	
588272.50	4126655.10	13.38323	
588292.50	4126655.10	11.92418	
588312.50	4126655.10	10.66601	
588332.50	4126655.10	9.56085	
588352.50	4126655.10	8.49254	
588372.50	4126655.10	7.73972	
588392.50	4126655.10	7.07977	
588412.50	4126655.10	6.48164	
587812.50	4126675.10	10.63838	
587832.50	4126675.10	12.12424	
587852.50	4126675.10	13.82041	
587872.50	4126675.10	15.94468	
587892.50	4126675.10	18.32960	
587912.50	4126675.10	21.34347	
587932.50	4126675.10	25.13328	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587952.50	4126675.10	29.34507	587972.50	4126675.10	34.18060
587992.50	4126675.10	39.50331	588012.50	4126675.10	44.94368
588032.50	4126675.10	49.53639	588052.50	4126675.10	52.54121
588072.50	4126675.10	51.76120	588092.50	4126675.10	44.44764
588112.50	4126675.10	44.23306	588132.50	4126675.10	37.22988
588152.50	4126675.10	29.78973	588172.50	4126675.10	23.94220
588192.50	4126675.10	19.59771	588212.50	4126675.10	16.52803
588232.50	4126675.10	14.61064	588252.50	4126675.10	13.00531
588272.50	4126675.10	11.67081	588292.50	4126675.10	10.56592
588312.50	4126675.10	9.59522	588332.50	4126675.10	8.61430
588352.50	4126675.10	7.83322	588372.50	4126675.10	7.13465
588392.50	4126675.10	6.53143	588412.50	4126675.10	5.95537
587812.50	4126695.10	11.76889	587832.50	4126695.10	13.30300
587852.50	4126695.10	15.10590	587872.50	4126695.10	17.14299
587892.50	4126695.10	19.51134	587912.50	4126695.10	22.67853
587932.50	4126695.10	26.20037	587952.50	4126695.10	29.80023

587972.50	4126695.10	33.54331	
587992.50	4126695.10	37.43628	
588012.50	4126695.10	40.75840	
588032.50	4126695.10	42.70411	
588052.50	4126695.10	43.45541	
588072.50	4126695.10	39.95020	
588092.50	4126695.10	33.43606	
588112.50	4126695.10	34.54497	
588132.50	4126695.10	29.98540	
588152.50	4126695.10	24.62559	
588172.50	4126695.10	20.03457	
588192.50	4126695.10	16.74317	
588212.50	4126695.10	14.10475	
588232.50	4126695.10	12.56774	
588252.50	4126695.10	11.16690	
588272.50	4126695.10	10.25595	
588292.50	4126695.10	9.40330	
588312.50	4126695.10	8.55140	
588332.50	4126695.10	7.78238	
588352.50	4126695.10	7.16615	
588372.50	4126695.10	6.52675	
588392.50	4126695.10	6.00896	
588412.50	4126695.10	5.53662	
587812.50	4126715.10	12.62548	
587832.50	4126715.10	14.24924	
587852.50	4126715.10	15.99289	
587872.50	4126715.10	17.88667	
587892.50	4126715.10	20.02251	
587912.50	4126715.10	22.90812	
587932.50	4126715.10	25.82128	
587952.50	4126715.10	29.06066	
587972.50	4126715.10	31.26861	
587992.50	4126715.10	33.92587	
588012.50	4126715.10	35.67406	
588032.50	4126715.10	36.40726	
588052.50	4126715.10	35.73732	
588072.50	4126715.10	30.00146	
588092.50	4126715.10	30.42829	
588112.50	4126715.10	27.92658	
588132.50	4126715.10	24.40088	
588152.50	4126715.10	20.33699	
588172.50	4126715.10	17.12248	
588192.50	4126715.10	14.48068	
588212.50	4126715.10	12.31338	
588232.50	4126715.10	10.86482	
588252.50	4126715.10	9.77521	
588272.50	4126715.10	9.05856	
588292.50	4126715.10	8.32569	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588312.50	4126715.10	7.64940	588332.50	4126715.10	7.07960
588352.50	4126715.10	6.51584	588372.50	4126715.10	5.98577
588392.50	4126715.10	5.51364	588412.50	4126715.10	5.12192
587812.50	4126735.10	13.29315	587832.50	4126735.10	14.90837
587852.50	4126735.10	16.53557	587872.50	4126735.10	18.27631
587892.50	4126735.10	19.96919	587912.50	4126735.10	22.33290
587932.50	4126735.10	24.66259	587952.50	4126735.10	27.39220
587972.50	4126735.10	28.77724	587992.50	4126735.10	29.87563
588012.50	4126735.10	30.90041	588032.50	4126735.10	30.81467
588052.50	4126735.10	29.49610	588072.50	4126735.10	24.94860
588092.50	4126735.10	25.69631	588112.50	4126735.10	22.87326
588132.50	4126735.10	20.11307	588152.50	4126735.10	17.10733
588172.50	4126735.10	14.73347	588192.50	4126735.10	12.56585
588212.50	4126735.10	10.82379	588232.50	4126735.10	9.55752
588252.50	4126735.10	8.59952	588272.50	4126735.10	7.97582
588292.50	4126735.10	7.40392	588312.50	4126735.10	6.87320

588332.50 4126735.10 6.35786
588352.50 4126735.10 5.87659
588372.50 4126735.10 5.48097
588392.50 4126735.10 5.12267
588412.50 4126735.10 4.78485
587812.50 4126755.10 13.70483
587832.50 4126755.10 15.10906
587852.50 4126755.10 16.63829
587872.50 4126755.10 18.17512
587892.50 4126755.10 19.46271
587912.50 4126755.10 21.33787
587932.50 4126755.10 22.95078
587952.50 4126755.10 25.00462
587972.50 4126755.10 25.89492
587992.50 4126755.10 25.82753
588012.50 4126755.10 26.34863
588032.50 4126755.10 25.86998
588052.50 4126755.10 24.54338
588072.50 4126755.10 22.52143
588092.50 4126755.10 19.79423
588112.50 4126755.10 19.01559
588132.50 4126755.10 16.96175
588152.50 4126755.10 14.62666
588172.50 4126755.10 12.76174
588192.50 4126755.10 11.06744
588212.50 4126755.10 9.59131
588232.50 4126755.10 8.49453
588252.50 4126755.10 7.66678
588272.50 4126755.10 7.06080
588292.50 4126755.10 6.52116
588312.50 4126755.10 6.10511
588332.50 4126755.10 5.73264
588352.50 4126755.10 5.39811
588372.50 4126755.10 5.06809
588392.50 4126755.10 4.76386
588412.50 4126755.10 4.43685
587812.50 4126775.10 13.76125
587832.50 4126775.10 15.09194
587852.50 4126775.10 16.40712
587872.50 4126775.10 17.65595
587892.50 4126775.10 18.62018
587912.50 4126775.10 19.99865
587932.50 4126775.10 21.14605
587952.50 4126775.10 22.45489
587972.50 4126775.10 23.02539
587992.50 4126775.10 22.59076
588012.50 4126775.10 22.26637
588032.50 4126775.10 21.82578

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588052.50	4126775.10	20.55697	588072.50	4126775.10	19.26438
588092.50	4126775.10	15.85784	588112.50	4126775.10	16.12134
588132.50	4126775.10	14.51161	588152.50	4126775.10	12.66486
588172.50	4126775.10	11.13737	588192.50	4126775.10	9.74957
588212.50	4126775.10	8.53886	588232.50	4126775.10	7.60777
588252.50	4126775.10	6.82836	588272.50	4126775.10	6.29277
588292.50	4126775.10	5.88520	588312.50	4126775.10	5.53732
588332.50	4126775.10	5.21266	588352.50	4126775.10	4.92061
588372.50	4126775.10	4.61774	588392.50	4126775.10	4.35226
588412.50	4126775.10	4.10205	587812.50	4126795.10	13.62662
587832.50	4126795.10	14.74109	587852.50	4126795.10	15.94408
587872.50	4126795.10	16.90339	587892.50	4126795.10	17.52098
587912.50	4126795.10	18.42744	587932.50	4126795.10	19.14250
587952.50	4126795.10	19.44382	587972.50	4126795.10	19.59398
587992.50	4126795.10	19.33589	588012.50	4126795.10	19.07959
588032.50	4126795.10	18.58477	588052.50	4126795.10	17.50806

588072.50 4126795.10 16.41540
588092.50 4126795.10 14.93674
588112.50 4126795.10 13.22225
588132.50 4126795.10 12.44838
588152.50 4126795.10 11.08837
588172.50 4126795.10 9.81515
588192.50 4126795.10 8.61674
588212.50 4126795.10 7.62744
588232.50 4126795.10 6.83416
588252.50 4126795.10 6.22501
588272.50 4126795.10 5.74984
588292.50 4126795.10 5.36367
588312.50 4126795.10 5.00482
588332.50 4126795.10 4.72737
588352.50 4126795.10 4.47621
588372.50 4126795.10 4.24116
588392.50 4126795.10 4.02469
588412.50 4126795.10 3.77390
587812.50 4126815.10 13.33016
587832.50 4126815.10 14.24531
587852.50 4126815.10 15.14559
587872.50 4126815.10 15.84119
587892.50 4126815.10 16.27103
587912.50 4126815.10 16.88003
587932.50 4126815.10 17.29629
587952.50 4126815.10 17.37005
587972.50 4126815.10 17.22156
587992.50 4126815.10 16.80703
588012.50 4126815.10 16.37369
588032.50 4126815.10 15.92816
588052.50 4126815.10 14.98502
588072.50 4126815.10 14.01799
588092.50 4126815.10 12.98006
588112.50 4126815.10 10.91314
588132.50 4126815.10 10.90212
588152.50 4126815.10 9.79041
588172.50 4126815.10 8.69414
588192.50 4126815.10 7.76216
588212.50 4126815.10 6.95408
588232.50 4126815.10 6.25964
588252.50 4126815.10 5.68181
588272.50 4126815.10 5.23018
588292.50 4126815.10 4.85071
588312.50 4126815.10 4.56063
588332.50 4126815.10 4.33303
588352.50 4126815.10 4.10239
588372.50 4126815.10 3.83691
588392.50 4126815.10 3.66457

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588412.50	4126815.10	3.51685	587812.50	4126835.10	12.79112
587832.50	4126835.10	13.46669	587852.50	4126835.10	14.13344
587872.50	4126835.10	14.60226	587892.50	4126835.10	14.94122
587912.50	4126835.10	15.16843	587932.50	4126835.10	15.27743
587952.50	4126835.10	15.22739	587972.50	4126835.10	15.00523
587992.50	4126835.10	14.60491	588012.50	4126835.10	14.23817
588032.50	4126835.10	13.83907	588052.50	4126835.10	12.95977
588072.50	4126835.10	12.12418	588092.50	4126835.10	11.29396
588112.50	4126835.10	9.87917	588132.50	4126835.10	9.60808
588152.50	4126835.10	8.68580	588172.50	4126835.10	7.79259
588192.50	4126835.10	6.99918	588212.50	4126835.10	6.30413
588232.50	4126835.10	5.70022	588252.50	4126835.10	5.15534
588272.50	4126835.10	4.76008	588292.50	4126835.10	4.42237
588312.50	4126835.10	4.16884	588332.50	4126835.10	3.97321
588352.50	4126835.10	3.78243	588372.50	4126835.10	3.55117
588392.50	4126835.10	3.43091	588412.50	4126835.10	3.28234

587812.50	4126855.10	12.36093	
587832.50	4126855.10	12.85423	
587852.50	4126855.10	13.27112	
587872.50	4126855.10	13.65056	
587892.50	4126855.10	13.93706	
587912.50	4126855.10	13.99471	
587932.50	4126855.10	13.98913	
587952.50	4126855.10	13.83240	
587972.50	4126855.10	13.53494	
587992.50	4126855.10	12.98719	
588012.50	4126855.10	12.45817	
588032.50	4126855.10	12.06726	
588052.50	4126855.10	11.34658	
588072.50	4126855.10	10.60256	
588092.50	4126855.10	9.84318	
588112.50	4126855.10	9.15851	
588132.50	4126855.10	8.32167	
588152.50	4126855.10	7.76231	
588172.50	4126855.10	7.04543	
588192.50	4126855.10	6.33247	
588212.50	4126855.10	5.74898	
588232.50	4126855.10	5.22988	
588252.50	4126855.10	4.74780	
588272.50	4126855.10	4.37082	
588292.50	4126855.10	4.04626	
588312.50	4126855.10	3.83249	
588332.50	4126855.10	3.64865	
588352.50	4126855.10	3.47197	
588372.50	4126855.10	3.27615	
588392.50	4126855.10	3.16008	
588412.50	4126855.10	3.03912	

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587812.50	4126255.10	1.29891	587832.50	4126255.10	1.38966
587852.50	4126255.10	1.47754	587872.50	4126255.10	1.47439
587892.50	4126255.10	1.54246	587912.50	4126255.10	1.61872
587932.50	4126255.10	1.71088	587952.50	4126255.10	1.82481
587972.50	4126255.10	1.91746	587992.50	4126255.10	2.05968
588012.50	4126255.10	2.25011	588032.50	4126255.10	2.43348
588052.50	4126255.10	2.66727	588072.50	4126255.10	2.93552
588092.50	4126255.10	3.28928	588112.50	4126255.10	3.75990
588132.50	4126255.10	4.41357	588152.50	4126255.10	5.33506
588172.50	4126255.10	6.38395	588192.50	4126255.10	7.71400
588212.50	4126255.10	9.14004	588232.50	4126255.10	10.80867
588252.50	4126255.10	12.78088	588272.50	4126255.10	14.31447
588292.50	4126255.10	15.87400	588312.50	4126255.10	17.34822
588332.50	4126255.10	18.55282	588352.50	4126255.10	19.57576
588372.50	4126255.10	20.06477	588392.50	4126255.10	20.62120

588412.50 4126255.10 20.82130
587812.50 4126275.10 1.44434
587832.50 4126275.10 1.52879
587852.50 4126275.10 1.55029
587872.50 4126275.10 1.64908
587892.50 4126275.10 1.65838
587912.50 4126275.10 1.74942
587932.50 4126275.10 1.84412
587952.50 4126275.10 1.95681
587972.50 4126275.10 2.08236
587992.50 4126275.10 2.25002
588012.50 4126275.10 2.43162
588032.50 4126275.10 2.64245
588052.50 4126275.10 2.93550
588072.50 4126275.10 3.24586
588092.50 4126275.10 3.67353
588112.50 4126275.10 4.20527
588132.50 4126275.10 4.95068
588152.50 4126275.10 5.98833
588172.50 4126275.10 7.35040
588192.50 4126275.10 8.93069
588212.50 4126275.10 10.58312
588232.50 4126275.10 12.57486
588252.50 4126275.10 14.67241
588272.50 4126275.10 16.85159
588292.50 4126275.10 18.31379
588312.50 4126275.10 19.81516
588332.50 4126275.10 21.23345
588352.50 4126275.10 22.07334
588372.50 4126275.10 22.52301
588392.50 4126275.10 22.89764
588412.50 4126275.10 22.78693
587812.50 4126295.10 1.55386
587832.50 4126295.10 1.65244
587852.50 4126295.10 1.72085
587872.50 4126295.10 1.84200
587892.50 4126295.10 1.80607
587912.50 4126295.10 1.89769
587932.50 4126295.10 1.98287
587952.50 4126295.10 2.10537
587972.50 4126295.10 2.26391
587992.50 4126295.10 2.43322
588012.50 4126295.10 2.63087
588032.50 4126295.10 2.89690
588052.50 4126295.10 3.18821
588072.50 4126295.10 3.55547
588092.50 4126295.10 4.08250
588112.50 4126295.10 4.73142
588132.50 4126295.10 5.57917
588152.50 4126295.10 6.82529

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588232.50	4126295.10	14.73735	588252.50	4126295.10	17.20908
588272.50	4126295.10	19.54618	588292.50	4126295.10	21.50071
588312.50	4126295.10	23.01773	588332.50	4126295.10	24.11723
588352.50	4126295.10	24.69524	588372.50	4126295.10	25.27133
588392.50	4126295.10	25.26916	588412.50	4126295.10	24.92961
587812.50	4126315.10	1.72909	587832.50	4126315.10	1.80265
587852.50	4126315.10	1.90585	587872.50	4126315.10	1.94271
587892.50	4126315.10	1.98116	587912.50	4126315.10	2.05698
587932.50	4126315.10	2.15840	587952.50	4126315.10	2.28876
587972.50	4126315.10	2.48509	587992.50	4126315.10	2.64182
588012.50	4126315.10	2.87653	588032.50	4126315.10	3.15815
588052.50	4126315.10	3.52907	588072.50	4126315.10	3.95469
588092.50	4126315.10	4.48571	588112.50	4126315.10	5.34863
588132.50	4126315.10	6.41329	588232.50	4126315.10	17.56571
588252.50	4126315.10	20.22006	588272.50	4126315.10	22.63193

588292.50 4126315.10 24.92267
588312.50 4126315.10 26.25256
588332.50 4126315.10 27.30187
588352.50 4126315.10 27.95124
588372.50 4126315.10 28.12463
588392.50 4126315.10 27.77747
588412.50 4126315.10 27.25033
587812.50 4126335.10 1.92145
587832.50 4126335.10 1.97356
587852.50 4126335.10 2.18220
587872.50 4126335.10 2.12644
587892.50 4126335.10 2.17692
587912.50 4126335.10 2.27086
587932.50 4126335.10 2.37058
587952.50 4126335.10 2.53181
587972.50 4126335.10 2.72139
587992.50 4126335.10 2.93090
588012.50 4126335.10 3.19774
588032.50 4126335.10 3.50285
588052.50 4126335.10 3.91084
588072.50 4126335.10 4.38124
588092.50 4126335.10 5.08498
588272.50 4126335.10 26.58165
588292.50 4126335.10 28.78385
588312.50 4126335.10 30.19121
588332.50 4126335.10 31.27232
588352.50 4126335.10 31.56741
588372.50 4126335.10 31.44196
588392.50 4126335.10 30.53033
588412.50 4126335.10 29.67341
587812.50 4126355.10 2.16655
587832.50 4126355.10 2.21159
587852.50 4126355.10 2.39178
587872.50 4126355.10 2.39751
587892.50 4126355.10 2.43276
587912.50 4126355.10 2.52692
587932.50 4126355.10 2.64167
587952.50 4126355.10 2.80869
587972.50 4126355.10 2.99978
587992.50 4126355.10 3.23964
588012.50 4126355.10 3.52695
588032.50 4126355.10 3.87278
588052.50 4126355.10 4.26956
588072.50 4126355.10 4.91909
588292.50 4126355.10 33.70276
588312.50 4126355.10 35.27397
588332.50 4126355.10 35.67052
588352.50 4126355.10 35.61351
588372.50 4126355.10 34.44762
588392.50 4126355.10 33.40909

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588412.50	4126355.10	32.27641	587812.50	4126375.10	2.45923
587832.50	4126375.10	2.51352	587852.50	4126375.10	2.59805
587872.50	4126375.10	2.86172	587892.50	4126375.10	2.82103
587912.50	4126375.10	2.84539	587932.50	4126375.10	2.96468
587952.50	4126375.10	3.13703	587972.50	4126375.10	3.34006
587992.50	4126375.10	3.62555	588012.50	4126375.10	3.88520
588032.50	4126375.10	4.25533	588292.50	4126375.10	39.83131
588312.50	4126375.10	40.79536	588332.50	4126375.10	39.81774
588352.50	4126375.10	39.30568	588372.50	4126375.10	38.07391
588392.50	4126375.10	36.39977	588412.50	4126375.10	34.58233
587812.50	4126395.10	2.82939	587832.50	4126395.10	2.87113
587852.50	4126395.10	2.95866	587872.50	4126395.10	3.06482
587892.50	4126395.10	3.37968	587912.50	4126395.10	3.48935
587932.50	4126395.10	3.47866	587952.50	4126395.10	3.56462
587972.50	4126395.10	3.77513	587992.50	4126395.10	4.04291

588012.50 4126395.10 4.39137
588292.50 4126395.10 46.76408
588312.50 4126395.10 47.05376
588332.50 4126395.10 45.06643
588352.50 4126395.10 43.71637
588372.50 4126395.10 41.35964
588392.50 4126395.10 38.80006
588412.50 4126395.10 36.17544
587812.50 4126415.10 3.28614
587832.50 4126415.10 3.36731
587852.50 4126415.10 3.49065
587872.50 4126415.10 3.60585
587892.50 4126415.10 3.71935
587912.50 4126415.10 3.91435
587932.50 4126415.10 4.19139
587952.50 4126415.10 4.39357
587972.50 4126415.10 4.38100
587992.50 4126415.10 4.61604
588332.50 4126415.10 51.09507
588352.50 4126415.10 47.98503
588372.50 4126415.10 44.93811
588392.50 4126415.10 40.63657
588412.50 4126415.10 38.00429
587812.50 4126435.10 3.79725
587832.50 4126435.10 3.92994
587852.50 4126435.10 4.08320
587872.50 4126435.10 4.24707
587892.50 4126435.10 4.39067
587912.50 4126435.10 4.53164
587932.50 4126435.10 4.70579
587952.50 4126435.10 5.00274
587972.50 4126435.10 5.26100
588352.50 4126435.10 51.48171
588372.50 4126435.10 46.72135
588392.50 4126435.10 42.52685
588412.50 4126435.10 38.61809
587812.50 4126455.10 4.43216
587832.50 4126455.10 4.63638
587852.50 4126455.10 4.83698
587872.50 4126455.10 5.07703
587892.50 4126455.10 5.32047
587912.50 4126455.10 5.49840
587932.50 4126455.10 5.66904
587952.50 4126455.10 5.90156
587972.50 4126455.10 6.28370
588372.50 4126455.10 47.44962
588392.50 4126455.10 42.25753
588412.50 4126455.10 38.26733
587812.50 4126475.10 5.04797
587832.50 4126475.10 5.32734

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587852.50	4126475.10	5.62473	587872.50	4126475.10	5.96022
587892.50	4126475.10	6.26741	587912.50	4126475.10	6.68366
587932.50	4126475.10	7.01703	587952.50	4126475.10	7.30293
587972.50	4126475.10	7.70778	588412.50	4126475.10	36.17652
587812.50	4126495.10	5.80663	587832.50	4126495.10	6.19691
587852.50	4126495.10	6.63723	587872.50	4126495.10	7.07846
587892.50	4126495.10	7.57217	587912.50	4126495.10	8.09860
587932.50	4126495.10	8.79733	587952.50	4126495.10	9.18855
587972.50	4126495.10	9.64090	587812.50	4126515.10	6.80633
587832.50	4126515.10	7.31432	587852.50	4126515.10	7.86961
587872.50	4126515.10	8.50693	587892.50	4126515.10	9.14308
587912.50	4126515.10	9.99090	587932.50	4126515.10	10.86371
587952.50	4126515.10	11.91397	587972.50	4126515.10	12.49094
587812.50	4126535.10	7.92434	587832.50	4126535.10	8.61362
587852.50	4126535.10	9.40184	587872.50	4126535.10	10.23881

587892.50	4126535.10	11.27953	587912.50	4126535.10	12.31696
587932.50	4126535.10	13.56760	587952.50	4126535.10	15.26978
587972.50	4126535.10	16.74790	587992.50	4126535.10	18.00905
588012.50	4126535.10	19.85468	588032.50	4126535.10	21.57390
587812.50	4126555.10	9.23847	587832.50	4126555.10	10.20808
587852.50	4126555.10	11.39674	587872.50	4126555.10	12.42906
587892.50	4126555.10	13.81042	587912.50	4126555.10	15.60722
587932.50	4126555.10	17.26148	587952.50	4126555.10	19.42771
587972.50	4126555.10	22.76422	587992.50	4126555.10	24.98657
588012.50	4126555.10	27.94913	588032.50	4126555.10	31.32715
587812.50	4126575.10	10.96936	587832.50	4126575.10	12.16260
587852.50	4126575.10	13.72712	587872.50	4126575.10	15.18474
587892.50	4126575.10	17.19089	587912.50	4126575.10	19.67209
587932.50	4126575.10	22.33858	587952.50	4126575.10	25.92595
587972.50	4126575.10	30.52279	587992.50	4126575.10	35.85972
588012.50	4126575.10	41.19362	588032.50	4126575.10	48.71554
588052.50	4126575.10	55.14842	587812.50	4126595.10	12.98339
587832.50	4126595.10	14.56277	587852.50	4126595.10	16.70027
587872.50	4126595.10	18.87192	587892.50	4126595.10	21.81879
587912.50	4126595.10	25.50734	587932.50	4126595.10	29.98311
587952.50	4126595.10	35.68672	587972.50	4126595.10	43.13111
587992.50	4126595.10	51.48295	588012.50	4126595.10	63.27192
588032.50	4126595.10	79.21549	588052.50	4126595.10	93.68761
588312.50	4126595.10	28.76752	588332.50	4126595.10	24.87783
588352.50	4126595.10	22.07989	588372.50	4126595.10	20.04916

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588392.50	4126595.10	17.93330	588412.50	4126595.10	16.13400
587812.50	4126615.10	15.56186	587832.50	4126615.10	17.50515
587852.50	4126615.10	20.06518	587872.50	4126615.10	23.14771
587892.50	4126615.10	27.07674	587912.50	4126615.10	31.99055
587932.50	4126615.10	37.86078	587952.50	4126615.10	46.11920
587972.50	4126615.10	58.19154	587992.50	4126615.10	71.96288
588012.50	4126615.10	91.33750	588032.50	4126615.10	117.45415
588052.50	4126615.10	140.98667	588252.50	4126615.10	36.23123
588272.50	4126615.10	31.84520	588292.50	4126615.10	27.89786
588312.50	4126615.10	24.49861	588332.50	4126615.10	21.72271
588352.50	4126615.10	19.13742	588372.50	4126615.10	17.48482
588392.50	4126615.10	15.69976	588412.50	4126615.10	14.19207
587812.50	4126635.10	18.29010	587832.50	4126635.10	20.81128
587852.50	4126635.10	23.92643	587872.50	4126635.10	27.94476
587892.50	4126635.10	32.77355	587912.50	4126635.10	38.90535

587932.50 4126635.10 47.37555
587952.50 4126635.10 57.82048
587972.50 4126635.10 73.34768
587992.50 4126635.10 90.10080
588012.50 4126635.10 110.33967
588032.50 4126635.10 135.44470
588052.50 4126635.10 151.68512
588212.50 4126635.10 41.37376
588232.50 4126635.10 36.12524
588252.50 4126635.10 31.58024
588272.50 4126635.10 27.54915
588292.50 4126635.10 24.27757
588312.50 4126635.10 21.69431
588332.50 4126635.10 19.36806
588352.50 4126635.10 17.07758
588372.50 4126635.10 15.40294
588392.50 4126635.10 14.11632
588412.50 4126635.10 13.00608
587812.50 4126655.10 21.40937
587832.50 4126655.10 24.62695
587852.50 4126655.10 28.55110
587872.50 4126655.10 33.38293
587892.50 4126655.10 39.43855
587912.50 4126655.10 46.97843
587932.50 4126655.10 56.33814
587952.50 4126655.10 68.13505
587972.50 4126655.10 82.77824
587992.50 4126655.10 99.39000
588012.50 4126655.10 116.27405
588032.50 4126655.10 129.58552
588172.50 4126655.10 49.82753
588192.50 4126655.10 41.76546
588212.50 4126655.10 35.77283
588232.50 4126655.10 31.05816
588252.50 4126655.10 27.53751
588272.50 4126655.10 24.41811
588292.50 4126655.10 21.80613
588312.50 4126655.10 19.56561
588332.50 4126655.10 17.59931
588352.50 4126655.10 15.69944
588372.50 4126655.10 14.35366
588392.50 4126655.10 13.17176
588412.50 4126655.10 12.09539
587812.50 4126675.10 24.41626
587832.50 4126675.10 28.13289
587852.50 4126675.10 32.43881
587872.50 4126675.10 37.90646
587892.50 4126675.10 44.12957
587912.50 4126675.10 52.07063
587932.50 4126675.10 61.77136

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
587952.50	4126675.10	72.65528	587972.50	4126675.10	84.63330
587992.50	4126675.10	96.59685	588012.50	4126675.10	106.46478
588032.50	4126675.10	111.39037	588052.50	4126675.10	109.94383
588072.50	4126675.10	100.09573	588092.50	4126675.10	79.41420
588112.50	4126675.10	75.21400	588132.50	4126675.10	61.55348
588152.50	4126675.10	49.85137	588172.50	4126675.10	41.63659
588192.50	4126675.10	35.39402	588212.50	4126675.10	30.45436
588232.50	4126675.10	27.03728	588252.50	4126675.10	24.04034
588272.50	4126675.10	21.54268	588292.50	4126675.10	19.49480
588312.50	4126675.10	17.71646	588332.50	4126675.10	15.93988
588352.50	4126675.10	14.52670	588372.50	4126675.10	13.26511
588392.50	4126675.10	12.17479	588412.50	4126675.10	11.13401
587812.50	4126695.10	27.16583	587832.50	4126695.10	30.99655
587852.50	4126695.10	35.53891	587872.50	4126695.10	40.69693
587892.50	4126695.10	46.70159	587912.50	4126695.10	54.79397

587932.50 4126695.10 63.33153
587952.50 4126695.10 71.95238
587972.50 4126695.10 80.29986
587992.50 4126695.10 87.51945
588012.50 4126695.10 91.90723
588032.50 4126695.10 91.55569
588052.50 4126695.10 87.95436
588072.50 4126695.10 76.07706
588092.50 4126695.10 60.31232
588112.50 4126695.10 60.09041
588132.50 4126695.10 50.78958
588152.50 4126695.10 41.77536
588172.50 4126695.10 34.91750
588192.50 4126695.10 30.20762
588212.50 4126695.10 26.10371
588232.50 4126695.10 23.50089
588252.50 4126695.10 20.92007
588272.50 4126695.10 19.16877
588292.50 4126695.10 17.53684
588312.50 4126695.10 15.93671
588332.50 4126695.10 14.50721
588352.50 4126695.10 13.36728
588372.50 4126695.10 12.19411
588392.50 4126695.10 11.24532
588412.50 4126695.10 10.38113
587812.50 4126715.10 29.14865
587832.50 4126715.10 33.15783
587852.50 4126715.10 37.45994
587872.50 4126715.10 42.10358
587892.50 4126715.10 47.28133
587912.50 4126715.10 54.26992
587932.50 4126715.10 61.02570
587952.50 4126715.10 67.88716
587972.50 4126715.10 71.85301
587992.50 4126715.10 75.96139
588012.50 4126715.10 77.03914
588032.50 4126715.10 75.35212
588052.50 4126715.10 70.75028
588072.50 4126715.10 56.63687
588092.50 4126715.10 55.61626
588112.50 4126715.10 49.40448
588132.50 4126715.10 42.15093
588152.50 4126715.10 34.98698
588172.50 4126715.10 29.96956
588192.50 4126715.10 26.08905
588212.50 4126715.10 22.78680
588232.50 4126715.10 20.42788
588252.50 4126715.10 18.48489
588272.50 4126715.10 17.12044
588292.50 4126715.10 15.70069

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588312.50	4126715.10	14.39466	588332.50	4126715.10	13.30327
588352.50	4126715.10	12.24005	588372.50	4126715.10	11.24966
588392.50	4126715.10	10.37289	588412.50	4126715.10	9.64453
587812.50	4126735.10	30.58155	587832.50	4126735.10	34.49265
587852.50	4126735.10	38.38699	587872.50	4126735.10	42.48466
587892.50	4126735.10	46.32528	587912.50	4126735.10	51.67778
587932.50	4126735.10	56.63558	587952.50	4126735.10	61.94477
587972.50	4126735.10	63.87662	587992.50	4126735.10	64.47823
588012.50	4126735.10	64.64934	588032.50	4126735.10	62.29186
588052.50	4126735.10	57.61869	588072.50	4126735.10	47.05443
588092.50	4126735.10	47.30582	588112.50	4126735.10	40.98952
588132.50	4126735.10	35.30282	588152.50	4126735.10	29.82062
588172.50	4126735.10	25.94247	588192.50	4126735.10	22.63364
588212.50	4126735.10	19.99281	588232.50	4126735.10	17.98875
588252.50	4126735.10	16.34939	588272.50	4126735.10	15.20086

588292.50 4126735.10 14.09491
588312.50 4126735.10 13.05454
588332.50 4126735.10 12.05301
588352.50 4126735.10 11.12561
588372.50 4126735.10 10.36773
588392.50 4126735.10 9.68828
588412.50 4126735.10 9.05147
587812.50 4126755.10 31.31836
587832.50 4126755.10 34.60776
587852.50 4126755.10 38.14128
587872.50 4126755.10 41.59585
587892.50 4126755.10 44.28177
587912.50 4126755.10 48.23487
587932.50 4126755.10 51.28431
587952.50 4126755.10 55.10987
587972.50 4126755.10 55.83434
587992.50 4126755.10 54.20032
588012.50 4126755.10 53.87687
588032.50 4126755.10 51.46825
588052.50 4126755.10 47.56427
588072.50 4126755.10 42.59538
588092.50 4126755.10 36.56750
588112.50 4126755.10 34.42580
588132.50 4126755.10 30.16230
588152.50 4126755.10 25.80144
588172.50 4126755.10 22.62660
588192.50 4126755.10 19.95266
588212.50 4126755.10 17.67856
588232.50 4126755.10 15.96654
588252.50 4126755.10 14.59945
588272.50 4126755.10 13.52661
588292.50 4126755.10 12.50816
588312.50 4126755.10 11.69434
588332.50 4126755.10 10.95508
588352.50 4126755.10 10.29283
588372.50 4126755.10 9.64917
588392.50 4126755.10 9.06013
588412.50 4126755.10 8.43706
587812.50 4126775.10 31.13899
587832.50 4126775.10 34.16651
587852.50 4126775.10 37.08242
587872.50 4126775.10 39.72637
587892.50 4126775.10 41.55153
587912.50 4126775.10 44.21969
587932.50 4126775.10 46.14975
587952.50 4126775.10 48.26513
587972.50 4126775.10 48.51513
587992.50 4126775.10 46.48627
588012.50 4126775.10 44.79255
588032.50 4126775.10 42.97916

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588052.50	4126775.10	39.65694	588072.50	4126775.10	36.47321
588092.50	4126775.10	29.41137	588112.50	4126775.10	29.43342
588132.50	4126775.10	26.08688	588152.50	4126775.10	22.57541
588172.50	4126775.10	19.88593	588192.50	4126775.10	17.61730
588212.50	4126775.10	15.71603	588232.50	4126775.10	14.26799
588252.50	4126775.10	12.99840	588272.50	4126775.10	12.08315
588292.50	4126775.10	11.34160	588312.50	4126775.10	10.67065
588332.50	4126775.10	10.02906	588352.50	4126775.10	9.44765
588372.50	4126775.10	8.85004	588392.50	4126775.10	8.32825
588412.50	4126775.10	7.84166	587812.50	4126795.10	30.50355
587832.50	4126795.10	32.93714	587852.50	4126795.10	35.51382
587872.50	4126795.10	37.40543	587892.50	4126795.10	38.38633
587912.50	4126795.10	39.93916	587932.50	4126795.10	40.92473
587952.50	4126795.10	40.88510	587972.50	4126795.10	40.46954
587992.50	4126795.10	39.18239	588012.50	4126795.10	37.97121

588032.50 4126795.10 36.35970
588052.50 4126795.10 33.69755
588072.50 4126795.10 31.11691
588092.50 4126795.10 27.88129
588112.50 4126795.10 24.30683
588132.50 4126795.10 22.58554
588152.50 4126795.10 19.94830
588172.50 4126795.10 17.64838
588192.50 4126795.10 15.62301
588212.50 4126795.10 14.03388
588232.50 4126795.10 12.78961
588252.50 4126795.10 11.82535
588272.50 4126795.10 11.03909
588292.50 4126795.10 10.35901
588312.50 4126795.10 9.68696
588332.50 4126795.10 9.14706
588352.50 4126795.10 8.64563
588372.50 4126795.10 8.17737
588392.50 4126795.10 7.74530
588412.50 4126795.10 7.25255
587812.50 4126815.10 29.50249
587832.50 4126815.10 31.42076
587852.50 4126815.10 33.23239
587872.50 4126815.10 34.48775
587892.50 4126815.10 35.05853
587912.50 4126815.10 35.96254
587932.50 4126815.10 36.36152
587952.50 4126815.10 35.96704
587972.50 4126815.10 35.09394
587992.50 4126815.10 33.70086
588012.50 4126815.10 32.34234
588032.50 4126815.10 31.03368
588052.50 4126815.10 28.81023
588072.50 4126815.10 26.60981
588092.50 4126815.10 24.32620
588112.50 4126815.10 20.17146
588132.50 4126815.10 19.93450
588152.50 4126815.10 17.75616
588172.50 4126815.10 15.73782
588192.50 4126815.10 14.12391
588212.50 4126815.10 12.79841
588232.50 4126815.10 11.69062
588252.50 4126815.10 10.76862
588272.50 4126815.10 10.02982
588292.50 4126815.10 9.37559
588312.50 4126815.10 8.84954
588332.50 4126815.10 8.41611
588352.50 4126815.10 7.96347
588372.50 4126815.10 7.43700
588392.50 4126815.10 7.09181

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE PERIOD (43824 HRS) AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	X-COORD (M)	Y-COORD (M)	CONC
588412.50	4126815.10	6.79224	587812.50	4126835.10	27.97631
587832.50	4126835.10	29.30892	587852.50	4126835.10	30.56783
587872.50	4126835.10	31.31492	587892.50	4126835.10	31.71548
587912.50	4126835.10	31.83001	587932.50	4126835.10	31.65428
587952.50	4126835.10	31.12902	587972.50	4126835.10	30.25872
587992.50	4126835.10	29.06018	588012.50	4126835.10	27.98838
588032.50	4126835.10	26.89839	588052.50	4126835.10	24.90899
588072.50	4126835.10	23.05309	588092.50	4126835.10	21.23955
588112.50	4126835.10	18.36798	588132.50	4126835.10	17.68677
588152.50	4126835.10	15.86630	588172.50	4126835.10	14.19398
588192.50	4126835.10	12.78749	588212.50	4126835.10	11.61685
588232.50	4126835.10	10.63591	588252.50	4126835.10	9.75205
588272.50	4126835.10	9.11229	588292.50	4126835.10	8.54294
588312.50	4126835.10	8.09674	588332.50	4126835.10	7.73618
588352.50	4126835.10	7.36807	588372.50	4126835.10	6.91270

588392.50 4126835.10 6.66729
588412.50 4126835.10 6.36884
587812.50 4126855.10 26.75637
587832.50 4126855.10 27.65739
587852.50 4126855.10 28.35066
587872.50 4126855.10 28.91321
587892.50 4126855.10 29.23792
587912.50 4126855.10 29.03513
587932.50 4126855.10 28.68777
587952.50 4126855.10 28.02936
587972.50 4126855.10 27.10321
587992.50 4126855.10 25.71169
588012.50 4126855.10 24.40500
588032.50 4126855.10 23.41894
588052.50 4126855.10 21.81448
588072.50 4126855.10 20.19566
588092.50 4126855.10 18.56917
588112.50 4126855.10 17.11350
588132.50 4126855.10 15.40871
588152.50 4126855.10 14.26985
588172.50 4126855.10 12.90761
588192.50 4126855.10 11.61840
588212.50 4126855.10 10.61382
588232.50 4126855.10 9.75538
588252.50 4126855.10 8.96391
588272.50 4126855.10 8.35134
588292.50 4126855.10 7.80673
588312.50 4126855.10 7.44288
588332.50 4126855.10 7.11278
588352.50 4126855.10 6.77897
588372.50 4126855.10 6.39924
588392.50 4126855.10 6.16465
588412.50 4126855.10 5.92064

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587812.50	4126255.10	148.02662	(13012408)	587832.50	4126255.10	146.53265	(13012408)
587852.50	4126255.10	147.05431	(13012424)	587872.50	4126255.10	161.94173	(13111102)
587892.50	4126255.10	167.09310	(13111102)	587912.50	4126255.10	175.48169	(15012909)
587932.50	4126255.10	201.13744	(15012909)	587952.50	4126255.10	216.31326	(15012909)
587972.50	4126255.10	225.71806	(15012909)	587992.50	4126255.10	219.04137	(15012909)
588012.50	4126255.10	196.11571	(13112321)	588032.50	4126255.10	194.99564	(13112321)
588052.50	4126255.10	204.18860	(14122017)	588072.50	4126255.10	206.53174	(14122017)
588092.50	4126255.10	203.16861	(15011704)	588112.50	4126255.10	202.69583	(13122819)
588132.50	4126255.10	214.61154	(13111404)	588152.50	4126255.10	222.40094	(16122218)
588172.50	4126255.10	223.76056	(16122218)	588192.50	4126255.10	210.21105	(15121220)
588212.50	4126255.10	212.01907	(17013121)	588232.50	4126255.10	206.77348	(17013121)
588252.50	4126255.10	192.04025	(14012822)	588272.50	4126255.10	191.32972	(13122318)
588292.50	4126255.10	184.27509	(13122318)	588312.50	4126255.10	174.73784	(15012518)
588332.50	4126255.10	168.45815	(15110123)	588352.50	4126255.10	164.57573	(15110123)
588372.50	4126255.10	159.59783	(15110123)	588392.50	4126255.10	146.64977	(13110308)
588412.50	4126255.10	144.25955	(13110308)	587812.50	4126275.10	148.78954	(13012923)

587832.50 4126275.10 151.52099 (13012408)
587852.50 4126275.10 160.45899 (13012408)
587872.50 4126275.10 162.46743 (13012424)
587892.50 4126275.10 177.84099 (13111102)
587912.50 4126275.10 180.94418 (13012409)
587932.50 4126275.10 204.48508 (15012909)
587952.50 4126275.10 227.24982 (15012909)
587972.50 4126275.10 240.98605 (15012909)
587992.50 4126275.10 238.16255 (15012909)
588012.50 4126275.10 220.04031 (15012909)
588032.50 4126275.10 212.97975 (13112321)
588052.50 4126275.10 217.37579 (14122017)
588072.50 4126275.10 221.06047 (14122017)
588092.50 4126275.10 216.59202 (15011704)
588112.50 4126275.10 217.49307 (14120924)
588132.50 4126275.10 233.28266 (13111404)
588152.50 4126275.10 244.10064 (16122218)
588172.50 4126275.10 238.24344 (16122218)
588192.50 4126275.10 226.48289 (13090901)
588212.50 4126275.10 228.68029 (17013121)
588232.50 4126275.10 216.40987 (17013121)
588252.50 4126275.10 207.02316 (14012822)
588272.50 4126275.10 199.72760 (13122318)
588292.50 4126275.10 193.73137 (15012518)
588312.50 4126275.10 183.46232 (15110123)
588332.50 4126275.10 178.94159 (15110123)
588352.50 4126275.10 171.42316 (15110123)
588372.50 4126275.10 160.64011 (15110123)
588392.50 4126275.10 156.76448 (13110308)
588412.50 4126275.10 155.85372 (14062506)
587812.50 4126295.10 157.90741 (16012822)
587832.50 4126295.10 160.00512 (13012408)
587852.50 4126295.10 166.09984 (13012408)
587872.50 4126295.10 164.78593 (13012424)
587892.50 4126295.10 186.23728 (13111102)
587912.50 4126295.10 194.46992 (13111102)
587932.50 4126295.10 205.94892 (15012909)
587952.50 4126295.10 237.92484 (15012909)
587972.50 4126295.10 257.14183 (15012909)
587992.50 4126295.10 262.55658 (15012909)
588012.50 4126295.10 248.45553 (15012909)
588032.50 4126295.10 229.89615 (13112321)
588052.50 4126295.10 234.69959 (14122017)
588072.50 4126295.10 240.87674 (14122017)
588092.50 4126295.10 234.16565 (15011704)
588112.50 4126295.10 234.99534 (14120924)
588132.50 4126295.10 255.35144 (13111404)
588152.50 4126295.10 265.57492 (16122218)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588232.50	4126295.10	231.08356	(14012822)	588252.50	4126295.10	223.96952	(13122318)
588272.50	4126295.10	211.57240	(15012518)	588292.50	4126295.10	197.09854	(13081101)
588312.50	4126295.10	196.25624	(15110123)	588332.50	4126295.10	189.80340	(15110123)
588352.50	4126295.10	178.53135	(15110123)	588372.50	4126295.10	171.75435	(13110308)
588392.50	4126295.10	170.85499	(14062506)	588412.50	4126295.10	169.38164	(14062506)
587812.50	4126315.10	164.64722	(16012822)	587832.50	4126315.10	168.22710	(16012822)
587852.50	4126315.10	172.28331	(13012408)	587872.50	4126315.10	184.60912	(13012408)
587892.50	4126315.10	196.81135	(13012424)	587912.50	4126315.10	207.90869	(13111102)
587932.50	4126315.10	216.39236	(13111102)	587952.50	4126315.10	244.66080	(15012909)
587972.50	4126315.10	271.01479	(15012909)	587992.50	4126315.10	287.80497	(15012909)
588012.50	4126315.10	280.57280	(15012909)	588032.50	4126315.10	252.11233	(13112321)
588052.50	4126315.10	251.45047	(14122017)	588072.50	4126315.10	261.60351	(14122017)
588092.50	4126315.10	258.11118	(15011704)	588112.50	4126315.10	256.26550	(16110520)
588132.50	4126315.10	279.13627	(13111404)	588232.50	4126315.10	246.64754	(14012822)
588252.50	4126315.10	240.19694	(13122318)	588272.50	4126315.10	225.86982	(15012518)
588292.50	4126315.10	216.44159	(15110123)	588312.50	4126315.10	212.49857	(15110123)

588332.50 4126315.10 197.31875 (15110123)
588352.50 4126315.10 189.56803 (13110308)
588372.50 4126315.10 188.33930 (14062506)
588392.50 4126315.10 185.48932 (14062506)
588412.50 4126315.10 177.74426 (14062506)
587812.50 4126335.10 170.30355 (16012822)
587832.50 4126335.10 180.74180 (16012822)
587852.50 4126335.10 172.07621 (13012923)
587872.50 4126335.10 196.74794 (13012408)
587892.50 4126335.10 210.09060 (13012408)
587912.50 4126335.10 220.02591 (13012424)
587932.50 4126335.10 233.09035 (13111102)
587952.50 4126335.10 245.66092 (15012909)
587972.50 4126335.10 285.35098 (15012909)
587992.50 4126335.10 309.79845 (15012909)
588012.50 4126335.10 310.02825 (15012909)
588032.50 4126335.10 286.76418 (15012909)
588052.50 4126335.10 272.38787 (14122017)
588072.50 4126335.10 287.83293 (14122017)
588092.50 4126335.10 280.92264 (15011704)
588272.50 4126335.10 242.26074 (15110123)
588292.50 4126335.10 236.93702 (15110123)
588312.50 4126335.10 221.70897 (15110123)
588332.50 4126335.10 209.06990 (13110308)
588352.50 4126335.10 209.08748 (14062506)
588372.50 4126335.10 205.00346 (14062506)
588392.50 4126335.10 195.13072 (14062506)
588412.50 4126335.10 182.33270 (14062506)
587812.50 4126355.10 181.02033 (14010806)
587832.50 4126355.10 187.99870 (13012303)
587852.50 4126355.10 188.89087 (16012822)
587872.50 4126355.10 204.59284 (16012822)
587892.50 4126355.10 222.46017 (13012408)
587912.50 4126355.10 234.31873 (13012408)
587932.50 4126355.10 247.32037 (13012424)
587952.50 4126355.10 259.57947 (13111102)
587972.50 4126355.10 296.29841 (15012909)
587992.50 4126355.10 335.24727 (15012909)
588012.50 4126355.10 348.73526 (15012909)
588032.50 4126355.10 330.87640 (15012909)
588052.50 4126355.10 305.88554 (13112321)
588072.50 4126355.10 317.10402 (14122017)
588292.50 4126355.10 249.92406 (15110123)
588312.50 4126355.10 231.49811 (14062506)
588332.50 4126355.10 233.91102 (14062506)
588352.50 4126355.10 228.11364 (14062506)
588372.50 4126355.10 215.52376 (14062506)
588392.50 4126355.10 198.47961 (14062506)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588412.50	4126355.10	181.55575	(14062506)	587812.50	4126375.10	189.97610	(14122006)
587832.50	4126375.10	200.70873	(14010806)	587852.50	4126375.10	207.70927	(13012303)
587872.50	4126375.10	203.85797	(16012822)	587892.50	4126375.10	228.43272	(16012822)
587912.50	4126375.10	251.55292	(13012408)	587932.50	4126375.10	264.73686	(13012408)
587952.50	4126375.10	281.28428	(13111102)	587972.50	4126375.10	301.87626	(15012909)
587992.50	4126375.10	356.48710	(15012909)	588012.50	4126375.10	391.05493	(15012909)
588032.50	4126375.10	386.98627	(15012909)	588292.50	4126375.10	261.25856	(14062506)
588312.50	4126375.10	263.99444	(14062506)	588332.50	4126375.10	254.81222	(14062506)
588352.50	4126375.10	239.45339	(14062506)	588372.50	4126375.10	219.24640	(14062506)
588392.50	4126375.10	194.87948	(14062506)	588412.50	4126375.10	182.12910	(16110721)
587812.50	4126395.10	197.53679	(14122006)	587832.50	4126395.10	212.46373	(14122006)
587852.50	4126395.10	223.40269	(14010806)	587872.50	4126395.10	233.48888	(14010806)
587892.50	4126395.10	231.70761	(16012822)	587912.50	4126395.10	246.80964	(16012822)
587932.50	4126395.10	280.80721	(13012408)	587952.50	4126395.10	302.93430	(13012424)
587972.50	4126395.10	324.37277	(13111102)	587992.50	4126395.10	377.20199	(15012909)
588012.50	4126395.10	431.95784	(15012909)	588292.50	4126395.10	300.96005	(14062506)

588312.50 4126395.10 289.90628 (14062506)
588332.50 4126395.10 268.08898 (14062506)
588352.50 4126395.10 241.75800 (14062506)
588372.50 4126395.10 213.78530 (16110721)
588392.50 4126395.10 200.25690 (15111822)
588412.50 4126395.10 191.28606 (16010817)
587812.50 4126415.10 204.59995 (14120708)
587832.50 4126415.10 219.01561 (14120708)
587852.50 4126415.10 232.98873 (14122006)
587872.50 4126415.10 246.90881 (14122006)
587892.50 4126415.10 263.50307 (14010806)
587912.50 4126415.10 278.31172 (16012822)
587932.50 4126415.10 285.91751 (16012822)
587952.50 4126415.10 312.84493 (13012408)
587972.50 4126415.10 350.33217 (13012424)
587992.50 4126415.10 386.18256 (15012909)
588332.50 4126415.10 270.10918 (14062506)
588352.50 4126415.10 238.88020 (16110721)
588372.50 4126415.10 226.46574 (16010817)
588392.50 4126415.10 211.86495 (16010817)
588412.50 4126415.10 200.42611 (13120208)
587812.50 4126435.10 209.13611 (15011809)
587832.50 4126435.10 228.07660 (14120708)
587852.50 4126435.10 245.44573 (14120708)
587872.50 4126435.10 261.77478 (14122006)
587892.50 4126435.10 282.61902 (14122006)
587912.50 4126435.10 304.18691 (14010806)
587932.50 4126435.10 328.86824 (16012822)
587952.50 4126435.10 349.80438 (16012822)
587972.50 4126435.10 364.45138 (13012408)
588352.50 4126435.10 255.29163 (16010817)
588372.50 4126435.10 237.78173 (13120208)
588392.50 4126435.10 223.16308 (13120208)
588412.50 4126435.10 207.82588 (13120208)
587812.50 4126455.10 213.29519 (15011809)
587832.50 4126455.10 231.85558 (15011809)
587852.50 4126455.10 251.19174 (14120708)
587872.50 4126455.10 274.64110 (14120708)
587892.50 4126455.10 296.83001 (14120708)
587912.50 4126455.10 325.84414 (14122006)
587932.50 4126455.10 355.86008 (14010806)
587952.50 4126455.10 389.21561 (16012822)
587972.50 4126455.10 420.87425 (16012822)
588372.50 4126455.10 247.24896 (13120208)
588392.50 4126455.10 224.40143 (13120208)
588412.50 4126455.10 208.51744 (13012501)
587812.50 4126475.10 219.87590 (17012408)
587832.50 4126475.10 240.35076 (17012408)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587852.50	4126475.10	261.84306	(15011809)	587872.50	4126475.10	287.33505	(15011809)
587892.50	4126475.10	318.16202	(14120708)	587912.50	4126475.10	349.25698	(14120708)
587932.50	4126475.10	382.97463	(14122006)	587952.50	4126475.10	423.13936	(14010806)
587972.50	4126475.10	468.76546	(16012822)	588412.50	4126475.10	211.20676	(13111401)
587812.50	4126495.10	229.58382	(13112820)	587832.50	4126495.10	249.07528	(13112820)
587852.50	4126495.10	269.09592	(14111624)	587872.50	4126495.10	296.60501	(17012408)
587892.50	4126495.10	327.91712	(17012408)	587912.50	4126495.10	365.07544	(15011809)
587932.50	4126495.10	408.85164	(14120708)	587952.50	4126495.10	465.42589	(14120708)
587972.50	4126495.10	522.00176	(14122006)	587812.50	4126515.10	232.32488	(14120907)
587832.50	4126515.10	253.19028	(14010804)	587852.50	4126515.10	278.33782	(14010804)
587872.50	4126515.10	305.63871	(13112820)	587892.50	4126515.10	341.51347	(13010821)
587912.50	4126515.10	377.92955	(17012408)	587932.50	4126515.10	428.84945	(17012408)
587952.50	4126515.10	483.21176	(15011809)	587972.50	4126515.10	576.69821	(14120708)
587812.50	4126535.10	238.27283	(14012808)	587832.50	4126535.10	260.16408	(14012808)
587852.50	4126535.10	284.80313	(14012808)	587872.50	4126535.10	315.49945	(14120907)
587892.50	4126535.10	350.28332	(14120907)	587912.50	4126535.10	397.75324	(14010804)

587932.50 4126535.10 452.01094 (14010804)
587952.50 4126535.10 513.73037 (13010821)
587972.50 4126535.10 602.57845 (17012408)
587992.50 4126535.10 713.50847 (14120708)
588012.50 4126535.10 866.81452 (14120708)
588032.50 4126535.10 1085.08936 (14122016)
587812.50 4126555.10 237.88404 (17112006)
587832.50 4126555.10 258.97618 (13110702)
587852.50 4126555.10 283.46376 (14012808)
587872.50 4126555.10 321.47310 (14012808)
587892.50 4126555.10 362.78574 (14012808)
587912.50 4126555.10 408.70795 (14012808)
587932.50 4126555.10 473.54839 (14012808)
587952.50 4126555.10 547.58789 (14012808)
587972.50 4126555.10 636.26188 (14010804)
587992.50 4126555.10 775.72008 (15111823)
588012.50 4126555.10 981.20005 (15111823)
588032.50 4126555.10 1248.41047 (16110401)
587812.50 4126575.10 244.15581 (15111908)
587832.50 4126575.10 268.07454 (15111908)
587852.50 4126575.10 293.08746 (15111908)
587872.50 4126575.10 330.04496 (15111908)
587892.50 4126575.10 369.80947 (15111908)
587912.50 4126575.10 417.91797 (15111908)
587932.50 4126575.10 480.91959 (15111908)
587952.50 4126575.10 555.02620 (15111908)
587972.50 4126575.10 660.37530 (14111602)
587992.50 4126575.10 818.12683 (14122018)
588012.50 4126575.10 1053.43226 (14122018)
588032.50 4126575.10 1383.94558 (14122018)
588052.50 4126575.10 1875.28760 (13122701)
587812.50 4126595.10 236.20263 (15111908)
587832.50 4126595.10 259.34494 (14111824)
587852.50 4126595.10 282.09785 (15111908)
587872.50 4126595.10 318.47191 (14111824)
587892.50 4126595.10 356.71286 (14111824)
587912.50 4126595.10 403.63930 (14111824)
587932.50 4126595.10 466.49295 (14111824)
587952.50 4126595.10 547.36836 (14111824)
587972.50 4126595.10 654.38315 (15092024)
587992.50 4126595.10 807.90645 (15092024)
588012.50 4126595.10 1040.49639 (15012724)
588032.50 4126595.10 1391.70305 (15012724)
588052.50 4126595.10 1981.46710 (13021707)
588312.50 4126595.10 348.56162 (14061906)
588332.50 4126595.10 306.81078 (14061906)
588352.50 4126595.10 273.86006 (14061906)
588372.50 4126595.10 247.94897 (14061906)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588392.50	4126595.10	225.32536	(14061906)	588412.50	4126595.10	205.47346	(14061906)
587812.50	4126615.10	227.63137	(14111006)	587832.50	4126615.10	253.74230	(14111006)
587852.50	4126615.10	280.21797	(14111006)	587872.50	4126615.10	312.79435	(14111006)
587892.50	4126615.10	350.63325	(14111006)	587912.50	4126615.10	398.03515	(14111006)
587932.50	4126615.10	461.82891	(14110502)	587952.50	4126615.10	550.43108	(13112608)
587972.50	4126615.10	692.92752	(13112608)	587992.50	4126615.10	886.12086	(13112608)
588012.50	4126615.10	1137.24419	(13010109)	588032.50	4126615.10	1619.40005	(13010109)
588052.50	4126615.10	2076.66502	(13010109)	588252.50	4126615.10	537.77314	(14061906)
588272.50	4126615.10	465.47261	(14061906)	588292.50	4126615.10	406.42386	(14061906)
588312.50	4126615.10	357.81295	(14061906)	588332.50	4126615.10	318.35034	(14061906)
588352.50	4126615.10	284.73686	(14061906)	588372.50	4126615.10	258.37568	(14061906)
588392.50	4126615.10	234.32604	(14061906)	588412.50	4126615.10	213.91170	(14061906)
587812.50	4126635.10	224.74516	(14010622)	587832.50	4126635.10	247.75944	(14011323)
587852.50	4126635.10	274.51649	(13121723)	587872.50	4126635.10	314.11392	(13112608)
587892.50	4126635.10	372.55963	(13112608)	587912.50	4126635.10	442.63258	(13112608)
587932.50	4126635.10	524.86469	(13112608)	587952.50	4126635.10	625.37262	(13112608)

587972.50 4126635.10 758.03920 (13010109)
587992.50 4126635.10 984.60521 (13010109)
588012.50 4126635.10 1231.99223 (13010109)
588032.50 4126635.10 1455.69038 (14012109)
588052.50 4126635.10 1897.86505 (14012109)
588212.50 4126635.10 669.90612 (13111222)
588232.50 4126635.10 564.67055 (17111402)
588252.50 4126635.10 482.34276 (17111402)
588272.50 4126635.10 416.10315 (16121104)
588292.50 4126635.10 371.22250 (14061906)
588312.50 4126635.10 335.02499 (14061906)
588332.50 4126635.10 303.65899 (14061906)
588352.50 4126635.10 273.82296 (14061906)
588372.50 4126635.10 251.23984 (14061906)
588392.50 4126635.10 230.78544 (14061906)
588412.50 4126635.10 212.85032 (14061906)
587812.50 4126655.10 235.61923 (13112608)
587832.50 4126655.10 267.07230 (13112608)
587852.50 4126655.10 305.00955 (13112608)
587872.50 4126655.10 348.24837 (13112608)
587892.50 4126655.10 398.06663 (13112608)
587912.50 4126655.10 453.87984 (13112608)
587932.50 4126655.10 543.14871 (13010109)
587952.50 4126655.10 659.38920 (13010109)
587972.50 4126655.10 783.91078 (13010109)
587992.50 4126655.10 897.60635 (13010109)
588012.50 4126655.10 1071.51184 (14012109)
588032.50 4126655.10 1314.04782 (14012109)
588172.50 4126655.10 977.22875 (13070306)
588192.50 4126655.10 740.37653 (13070306)
588212.50 4126655.10 610.85766 (14012323)
588232.50 4126655.10 517.79985 (13010722)
588252.50 4126655.10 453.81251 (13112923)
588272.50 4126655.10 400.21746 (17111402)
588292.50 4126655.10 356.13298 (17111402)
588312.50 4126655.10 317.05710 (17111402)
588332.50 4126655.10 283.85539 (16121104)
588352.50 4126655.10 255.73673 (16121104)
588372.50 4126655.10 233.23034 (16121104)
588392.50 4126655.10 215.82932 (14061906)
588412.50 4126655.10 200.56017 (14061906)
587812.50 4126675.10 255.04858 (13112608)
587832.50 4126675.10 284.26839 (13112608)
587852.50 4126675.10 315.52069 (13112608)
587872.50 4126675.10 349.21158 (13112608)
587892.50 4126675.10 409.31886 (13010109)
587912.50 4126675.10 480.08424 (13010109)
587932.50 4126675.10 554.65205 (13010109)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587952.50	4126675.10	625.16174	(13010109)	587972.50	4126675.10	672.02498	(13010109)
587992.50	4126675.10	820.46309	(14012109)	588012.50	4126675.10	965.04701	(14012109)
588032.50	4126675.10	972.90800	(14012109)	588052.50	4126675.10	1141.02553	(14110808)
588072.50	4126675.10	1358.28823	(14110908)	588092.50	4126675.10	1349.60654	(14110908)
588112.50	4126675.10	1239.31622	(15010809)	588132.50	4126675.10	1152.49002	(13030208)
588152.50	4126675.10	1086.64229	(13030208)	588172.50	4126675.10	838.81996	(13030208)
588192.50	4126675.10	719.43075	(13070306)	588212.50	4126675.10	574.40964	(13070306)
588232.50	4126675.10	481.86831	(14012323)	588252.50	4126675.10	422.24453	(13010722)
588272.50	4126675.10	371.28925	(13010722)	588292.50	4126675.10	335.13515	(13112923)
588312.50	4126675.10	303.44007	(13112923)	588332.50	4126675.10	275.39181	(17111402)
588352.50	4126675.10	251.11228	(17111402)	588372.50	4126675.10	229.02282	(17111402)
588392.50	4126675.10	209.22632	(17111402)	588412.50	4126675.10	193.05883	(16121104)
587812.50	4126695.10	256.95208	(13112608)	587832.50	4126695.10	280.53787	(13010109)
587852.50	4126695.10	324.09851	(13010109)	587872.50	4126695.10	369.48884	(13010109)
587892.50	4126695.10	416.85115	(13010109)	587912.50	4126695.10	464.36135	(13010109)
587932.50	4126695.10	500.62335	(13010109)	587952.50	4126695.10	531.89310	(14012109)

587972.50 4126695.10 653.34936 (14012109)
587992.50 4126695.10 745.42868 (14012109)
588012.50 4126695.10 759.56198 (14012109)
588032.50 4126695.10 830.28343 (14110708)
588052.50 4126695.10 971.22534 (14010609)
588072.50 4126695.10 1104.77713 (14110908)
588092.50 4126695.10 1009.15976 (14110908)
588112.50 4126695.10 987.29658 (15010809)
588132.50 4126695.10 886.31656 (15010809)
588152.50 4126695.10 891.30996 (13030208)
588172.50 4126695.10 782.38032 (13030208)
588192.50 4126695.10 632.02035 (13070306)
588212.50 4126695.10 556.20085 (13070306)
588232.50 4126695.10 463.89725 (13070306)
588252.50 4126695.10 387.85920 (14012323)
588272.50 4126695.10 350.93905 (14012323)
588292.50 4126695.10 316.69538 (13010722)
588312.50 4126695.10 285.39590 (13111324)
588332.50 4126695.10 260.66112 (16110902)
588352.50 4126695.10 240.59202 (13112923)
588372.50 4126695.10 220.79073 (17111402)
588392.50 4126695.10 204.92566 (17111402)
588412.50 4126695.10 189.64053 (17111402)
587812.50 4126715.10 265.30634 (13010109)
587832.50 4126715.10 297.11614 (13010109)
587852.50 4126715.10 330.36494 (13010109)
587872.50 4126715.10 360.78780 (13010109)
587892.50 4126715.10 386.27043 (13010109)
587912.50 4126715.10 405.75126 (13010109)
587932.50 4126715.10 451.17871 (14012109)
587952.50 4126715.10 535.98194 (14012109)
587972.50 4126715.10 595.57225 (14012109)
587992.50 4126715.10 611.17985 (14012109)
588012.50 4126715.10 648.98954 (14110708)
588032.50 4126715.10 746.00456 (14110808)
588052.50 4126715.10 811.40698 (14010609)
588072.50 4126715.10 881.45977 (14110908)
588092.50 4126715.10 887.52556 (14110908)
588112.50 4126715.10 805.78060 (15010809)
588132.50 4126715.10 775.06534 (15010809)
588152.50 4126715.10 710.00901 (13030208)
588172.50 4126715.10 690.86956 (13030208)
588192.50 4126715.10 592.11866 (13030208)
588212.50 4126715.10 499.76400 (13070306)
588232.50 4126715.10 449.15519 (13070306)
588252.50 4126715.10 384.36591 (13070306)
588272.50 4126715.10 326.69382 (16121208)
588292.50 4126715.10 297.58341 (14012323)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588312.50	4126715.10	270.64918	(13010722)	588332.50	4126715.10	248.78786	(13010722)
588352.50	4126715.10	228.54851	(13111324)	588372.50	4126715.10	211.45159	(16110902)
588392.50	4126715.10	195.86499	(13112923)	588412.50	4126715.10	182.42830	(13112923)
587812.50	4126735.10	270.00855	(13010109)	587832.50	4126735.10	293.24562	(13010109)
587852.50	4126735.10	314.16285	(13010109)	587872.50	4126735.10	327.43144	(13010109)
587892.50	4126735.10	331.15732	(13010109)	587912.50	4126735.10	386.75495	(14012109)
587932.50	4126735.10	448.13831	(14012109)	587952.50	4126735.10	494.01655	(14012109)
587972.50	4126735.10	504.85569	(14012109)	587992.50	4126735.10	511.66469	(14110708)
588012.50	4126735.10	579.85475	(14110808)	588032.50	4126735.10	648.32854	(14110808)
588052.50	4126735.10	682.88202	(14110908)	588072.50	4126735.10	753.85678	(14110908)
588092.50	4126735.10	737.94876	(14110908)	588112.50	4126735.10	669.55929	(15010809)
588132.50	4126735.10	673.47194	(15010809)	588152.50	4126735.10	564.31551	(13030208)
588172.50	4126735.10	590.33236	(13030208)	588192.50	4126735.10	547.20779	(13030208)
588212.50	4126735.10	459.67719	(13030208)	588232.50	4126735.10	409.28526	(13070306)
588252.50	4126735.10	371.98585	(13070306)	588272.50	4126735.10	326.20590	(13070306)
588292.50	4126735.10	280.02517	(14111403)	588312.50	4126735.10	255.24759	(16111203)

588332.50 4126735.10 235.67079 (14012323)
588352.50 4126735.10 217.59171 (13010722)
588372.50 4126735.10 201.90206 (13111324)
588392.50 4126735.10 188.30277 (13111324)
588412.50 4126735.10 176.59704 (16110902)
587812.50 4126755.10 259.53542 (13010109)
587832.50 4126755.10 271.85436 (13010109)
587852.50 4126755.10 278.50813 (13010109)
587872.50 4126755.10 293.91873 (13123109)
587892.50 4126755.10 336.05032 (14012109)
587912.50 4126755.10 381.77488 (14012109)
587932.50 4126755.10 413.96447 (14012109)
587952.50 4126755.10 428.02250 (14012109)
587972.50 4126755.10 415.62759 (14110708)
587992.50 4126755.10 471.23272 (14110708)
588012.50 4126755.10 532.71084 (14110808)
588032.50 4126755.10 563.83348 (14010609)
588052.50 4126755.10 614.47533 (14110908)
588072.50 4126755.10 674.00820 (14110908)
588092.50 4126755.10 599.37772 (14110908)
588112.50 4126755.10 560.47613 (15010809)
588132.50 4126755.10 586.66716 (15010809)
588152.50 4126755.10 501.82323 (15010809)
588172.50 4126755.10 496.87571 (13030208)
588192.50 4126755.10 488.96234 (13030208)
588212.50 4126755.10 440.00623 (13030208)
588232.50 4126755.10 368.65097 (13030208)
588252.50 4126755.10 343.50717 (13070306)
588272.50 4126755.10 315.65026 (13070306)
588292.50 4126755.10 279.00430 (13070306)
588312.50 4126755.10 243.29103 (14111403)
588332.50 4126755.10 223.64907 (16121208)
588352.50 4126755.10 207.48429 (14012323)
588372.50 4126755.10 193.71314 (15120704)
588392.50 4126755.10 181.21555 (13010722)
588412.50 4126755.10 169.71893 (13111324)
587812.50 4126775.10 236.64014 (13010109)
587832.50 4126775.10 238.69617 (13010109)
587852.50 4126775.10 261.61138 (13123109)
587872.50 4126775.10 297.40277 (14012109)
587892.50 4126775.10 330.33985 (14012109)
587912.50 4126775.10 355.63940 (14012109)
587932.50 4126775.10 364.62327 (14012109)
587952.50 4126775.10 351.46391 (14012109)
587972.50 4126775.10 398.32080 (14110708)
587992.50 4126775.10 430.92478 (14110808)
588012.50 4126775.10 473.21591 (14110808)
588032.50 4126775.10 494.50376 (14010609)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588052.50	4126775.10	550.85816	(14110908)	588072.50	4126775.10	586.62067	(14110908)
588092.50	4126775.10	498.27678	(14110908)	588112.50	4126775.10	479.83893	(15010809)
588132.50	4126775.10	513.61809	(15010809)	588152.50	4126775.10	462.85670	(15010809)
588172.50	4126775.10	411.85174	(13030208)	588192.50	4126775.10	428.46150	(13030208)
588212.50	4126775.10	407.32390	(13030208)	588232.50	4126775.10	362.26080	(13030208)
588252.50	4126775.10	305.97930	(13070306)	588272.50	4126775.10	293.55836	(13070306)
588292.50	4126775.10	272.02681	(13070306)	588312.50	4126775.10	244.12623	(13070306)
588332.50	4126775.10	215.42222	(13070306)	588352.50	4126775.10	199.57061	(16121208)
588372.50	4126775.10	184.99477	(16111203)	588392.50	4126775.10	173.10614	(15010619)
588412.50	4126775.10	162.69808	(15120704)	587812.50	4126795.10	213.72954	(13123109)
587832.50	4126795.10	234.31481	(14012109)	587852.50	4126795.10	265.71800	(14012109)
587872.50	4126795.10	292.38230	(14012109)	587892.50	4126795.10	309.71164	(14012109)
587912.50	4126795.10	316.50790	(14012109)	587932.50	4126795.10	307.14674	(14012109)
587952.50	4126795.10	330.37019	(14110708)	587972.50	4126795.10	362.14030	(14110708)
587992.50	4126795.10	399.91826	(14110808)	588012.50	4126795.10	416.28638	(14010609)
588032.50	4126795.10	433.19967	(14010609)	588052.50	4126795.10	494.90046	(14110908)

588072.50 4126795.10 512.67771 (14110908)
588092.50 4126795.10 453.95437 (14110908)
588112.50 4126795.10 402.35957 (15010809)
588132.50 4126795.10 450.38339 (15010809)
588152.50 4126795.10 423.62908 (15010809)
588172.50 4126795.10 352.68690 (15040107)
588192.50 4126795.10 370.45838 (13030208)
588212.50 4126795.10 368.50533 (13030208)
588232.50 4126795.10 342.61350 (13030208)
588252.50 4126795.10 300.19631 (13030208)
588272.50 4126795.10 265.84830 (13070306)
588292.50 4126795.10 256.09178 (13070306)
588312.50 4126795.10 237.98837 (13070306)
588332.50 4126795.10 215.91539 (13070306)
588352.50 4126795.10 192.19228 (13070306)
588372.50 4126795.10 178.11115 (16121208)
588392.50 4126795.10 166.69572 (16111203)
588412.50 4126795.10 155.77627 (15010619)
587812.50 4126815.10 211.39451 (14012109)
587832.50 4126815.10 238.36083 (14012109)
587852.50 4126815.10 260.12624 (14012109)
587872.50 4126815.10 274.87568 (14012109)
587892.50 4126815.10 278.93378 (14012109)
587912.50 4126815.10 271.34963 (14012109)
587932.50 4126815.10 282.63484 (14110708)
587952.50 4126815.10 313.79150 (14110708)
587972.50 4126815.10 337.28514 (14110808)
587992.50 4126815.10 364.61894 (14110808)
588012.50 4126815.10 376.06568 (14010609)
588032.50 4126815.10 390.62678 (14110908)
588052.50 4126815.10 446.30879 (14110908)
588072.50 4126815.10 449.55917 (14110908)
588092.50 4126815.10 398.49071 (13010309)
588112.50 4126815.10 340.12533 (15010809)
588132.50 4126815.10 399.58692 (15010809)
588152.50 4126815.10 387.25220 (15010809)
588172.50 4126815.10 333.34151 (15010809)
588192.50 4126815.10 318.74959 (13030208)
588212.50 4126815.10 329.71401 (13030208)
588232.50 4126815.10 319.39469 (13030208)
588252.50 4126815.10 292.22692 (13030208)
588272.50 4126815.10 254.08524 (13030208)
588292.50 4126815.10 233.40789 (13070306)
588312.50 4126815.10 224.96370 (13070306)
588332.50 4126815.10 210.91039 (13070306)
588352.50 4126815.10 193.18112 (13070306)
588372.50 4126815.10 171.19732 (13070306)
588392.50 4126815.10 159.83345 (14111403)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA1 ***
INCLUDING SOURCE(S): AREA1 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588412.50	4126815.10	151.25625	(16121208)	587812.50	4126835.10	214.49513	(14012109)
587832.50	4126835.10	232.69890	(14012109)	587852.50	4126835.10	245.00682	(14012109)
587872.50	4126835.10	249.16017	(14012109)	587892.50	4126835.10	243.09504	(14012109)
587912.50	4126835.10	241.78978	(17092807)	587932.50	4126835.10	270.76587	(14110708)
587952.50	4126835.10	288.71016	(14110708)	587972.50	4126835.10	316.88862	(14110808)
587992.50	4126835.10	328.60221	(14110808)	588012.50	4126835.10	339.85731	(14010609)
588032.50	4126835.10	364.15609	(14110908)	588052.50	4126835.10	402.43079	(14110908)
588072.50	4126835.10	398.28153	(14110908)	588092.50	4126835.10	356.72375	(13010309)
588112.50	4126835.10	310.90773	(13010309)	588132.50	4126835.10	355.16181	(15010809)
588152.50	4126835.10	353.26215	(15010809)	588172.50	4126835.10	314.57656	(15010809)
588192.50	4126835.10	272.82834	(13030208)	588212.50	4126835.10	291.51419	(13030208)
588232.50	4126835.10	292.22582	(13030208)	588252.50	4126835.10	276.93493	(13030208)
588272.50	4126835.10	251.72935	(13030208)	588292.50	4126835.10	218.53442	(13030208)
588312.50	4126835.10	207.82423	(13070306)	588332.50	4126835.10	200.40429	(13070306)
588352.50	4126835.10	188.56206	(13070306)	588372.50	4126835.10	173.46177	(13070306)
588392.50	4126835.10	156.22257	(13070306)	588412.50	4126835.10	146.32551	(14111403)

587812.50 4126855.10 211.20367 (14012109)
587832.50 4126855.10 221.01931 (14012109)
587852.50 4126855.10 224.94683 (14012109)
587872.50 4126855.10 221.37838 (14012109)
587892.50 4126855.10 215.26324 (14012809)
587912.50 4126855.10 238.72661 (14110708)
587932.50 4126855.10 258.42253 (14110708)
587952.50 4126855.10 276.01233 (14110808)
587972.50 4126855.10 296.29611 (14110808)
587992.50 4126855.10 299.39293 (14010609)
588012.50 4126855.10 306.60856 (14010609)
588032.50 4126855.10 339.94085 (14110908)
588052.50 4126855.10 365.09919 (14110908)
588072.50 4126855.10 356.12084 (14110908)
588092.50 4126855.10 320.50897 (13010309)
588112.50 4126855.10 290.77324 (13010309)
588132.50 4126855.10 313.72690 (15010809)
588152.50 4126855.10 322.12394 (15010809)
588172.50 4126855.10 297.06779 (15010809)
588192.50 4126855.10 253.40990 (15040107)
588212.50 4126855.10 255.86704 (13030208)
588232.50 4126855.10 264.13939 (13030208)
588252.50 4126855.10 258.17614 (13030208)
588272.50 4126855.10 240.77879 (13030208)
588292.50 4126855.10 215.13377 (13030208)
588312.50 4126855.10 188.51484 (13070306)
588332.50 4126855.10 187.15591 (13070306)
588352.50 4126855.10 179.69351 (13070306)
588372.50 4126855.10 169.07035 (13070306)
588392.50 4126855.10 157.59131 (13070306)
588412.50 4126855.10 143.49467 (13070306)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587812.50	4126255.10	135.56145	(16012822)	587832.50	4126255.10	134.48590	(16012822)
587852.50	4126255.10	134.42358	(13012923)	587872.50	4126255.10	150.58446	(13012408)
587892.50	4126255.10	156.50483	(13012408)	587912.50	4126255.10	163.30729	(13012424)
587932.50	4126255.10	169.72614	(13111102)	587952.50	4126255.10	175.18746	(13111102)
587972.50	4126255.10	187.94784	(15012909)	587992.50	4126255.10	214.76722	(15012909)
588012.50	4126255.10	229.59693	(15012909)	588032.50	4126255.10	235.90732	(15012909)
588052.50	4126255.10	225.67406	(15012909)	588072.50	4126255.10	208.71543	(13112321)
588092.50	4126255.10	206.79548	(14122017)	588112.50	4126255.10	218.77084	(14122017)
588132.50	4126255.10	213.31439	(14122017)	588152.50	4126255.10	209.39943	(13122819)
588172.50	4126255.10	212.28003	(16110520)	588192.50	4126255.10	231.53483	(13111404)
588212.50	4126255.10	237.52086	(16122218)	588232.50	4126255.10	226.38304	(16122218)
588252.50	4126255.10	216.09109	(13090901)	588272.50	4126255.10	217.50734	(17013121)
588292.50	4126255.10	204.66684	(14012822)	588312.50	4126255.10	200.18193	(13122318)
588332.50	4126255.10	193.01790	(13122318)	588352.50	4126255.10	182.41643	(15012518)
588372.50	4126255.10	178.02199	(15110123)	588392.50	4126255.10	174.04855	(15110123)
588412.50	4126255.10	165.99928	(15110123)	587812.50	4126275.10	134.70770	(13012303)

587832.50 4126275.10 137.23673 (16012822)
587852.50 4126275.10 147.00682 (16012822)
587872.50 4126275.10 148.19551 (13012923)
587892.50 4126275.10 164.90450 (13012408)
587912.50 4126275.10 170.02474 (13012408)
587932.50 4126275.10 178.41014 (13012424)
587952.50 4126275.10 186.87297 (13111102)
587972.50 4126275.10 192.79685 (13111102)
587992.50 4126275.10 217.29808 (15012909)
588012.50 4126275.10 242.29256 (15012909)
588032.50 4126275.10 254.89784 (15012909)
588052.50 4126275.10 248.13727 (15012909)
588072.50 4126275.10 229.27909 (15012909)
588092.50 4126275.10 220.70980 (13112321)
588112.50 4126275.10 234.95334 (14122017)
588132.50 4126275.10 232.15217 (14122017)
588152.50 4126275.10 228.71692 (13122819)
588172.50 4126275.10 232.14557 (13111404)
588192.50 4126275.10 251.35834 (13111404)
588212.50 4126275.10 256.71321 (16122218)
588232.50 4126275.10 240.61367 (15121220)
588252.50 4126275.10 238.42856 (17013121)
588272.50 4126275.10 227.01601 (17013121)
588292.50 4126275.10 219.47246 (14012822)
588312.50 4126275.10 215.03395 (13122318)
588332.50 4126275.10 202.55331 (15012518)
588352.50 4126275.10 191.75265 (15110123)
588372.50 4126275.10 191.64647 (15110123)
588392.50 4126275.10 182.49569 (15110123)
588412.50 4126275.10 169.02806 (13110308)
587812.50 4126295.10 145.96229 (14010806)
587832.50 4126295.10 144.48786 (13012303)
587852.50 4126295.10 149.76824 (16012822)
587872.50 4126295.10 148.69717 (16012822)
587892.50 4126295.10 169.80584 (13012923)
587912.50 4126295.10 179.67687 (13012408)
587932.50 4126295.10 188.50231 (13012408)
587952.50 4126295.10 198.07801 (13012424)
587972.50 4126295.10 206.41707 (13111102)
587992.50 4126295.10 220.74594 (15012909)
588012.50 4126295.10 254.22749 (15012909)
588032.50 4126295.10 273.06245 (15012909)
588052.50 4126295.10 276.33201 (15012909)
588072.50 4126295.10 259.80763 (15012909)
588092.50 4126295.10 242.68926 (13112321)
588112.50 4126295.10 253.38637 (14122017)
588132.50 4126295.10 254.41885 (14122017)
588152.50 4126295.10 249.72400 (13122819)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588232.50	4126295.10	261.02271	(13090901)	588252.50	4126295.10	257.87949	(17013121)
588272.50	4126295.10	239.72621	(17013121)	588292.50	4126295.10	234.56658	(13122318)
588312.50	4126295.10	225.47865	(13122318)	588332.50	4126295.10	211.50668	(15012518)
588352.50	4126295.10	212.34748	(15110123)	588372.50	4126295.10	202.32836	(15110123)
588392.50	4126295.10	186.61049	(15110123)	588412.50	4126295.10	181.15530	(14062506)
587812.50	4126315.10	150.88487	(14010806)	587832.50	4126315.10	154.98029	(14010806)
587852.50	4126315.10	154.58751	(15010320)	587872.50	4126315.10	165.65923	(16012822)
587892.50	4126315.10	178.11929	(16012822)	587912.50	4126315.10	187.80445	(13012923)
587932.50	4126315.10	200.84106	(13012408)	587952.50	4126315.10	209.62553	(13012424)
587972.50	4126315.10	217.08455	(13111102)	587992.50	4126315.10	229.79867	(13111102)
588012.50	4126315.10	261.30004	(15012909)	588032.50	4126315.10	293.74774	(15012909)
588052.50	4126315.10	303.33834	(15012909)	588072.50	4126315.10	293.69499	(15012909)
588092.50	4126315.10	269.93174	(13112321)	588112.50	4126315.10	275.46345	(14122017)
588132.50	4126315.10	278.43917	(14122017)	588232.50	4126315.10	283.76386	(13090901)
588252.50	4126315.10	279.15409	(17013121)	588272.50	4126315.10	264.11326	(14012822)
588292.50	4126315.10	254.30072	(13122318)	588312.50	4126315.10	241.25397	(15012518)

588332.50 4126315.10 233.83974 (15110123)
588352.50 4126315.10 226.25451 (15110123)
588372.50 4126315.10 207.76868 (15110123)
588392.50 4126315.10 200.72083 (14062506)
588412.50 4126315.10 202.88608 (14062506)
587812.50 4126335.10 158.46411 (14122006)
587832.50 4126335.10 165.00457 (14122006)
587852.50 4126335.10 157.30448 (14010806)
587872.50 4126335.10 175.66383 (13012303)
587892.50 4126335.10 188.05184 (16012822)
587912.50 4126335.10 198.33307 (16012822)
587932.50 4126335.10 210.25771 (13012408)
587952.50 4126335.10 221.87518 (13012408)
587972.50 4126335.10 231.51846 (13012424)
587992.50 4126335.10 244.88544 (13111102)
588012.50 4126335.10 264.83363 (15012909)
588032.50 4126335.10 308.43387 (15012909)
588052.50 4126335.10 331.93383 (15012909)
588072.50 4126335.10 333.37478 (15012909)
588092.50 4126335.10 301.23010 (15012909)
588272.50 4126335.10 289.89839 (13122318)
588292.50 4126335.10 274.12906 (13122318)
588312.50 4126335.10 260.03164 (15110123)
588332.50 4126335.10 253.09566 (15110123)
588352.50 4126335.10 234.08306 (15110123)
588372.50 4126335.10 224.72027 (14062506)
588392.50 4126335.10 225.71622 (14062506)
588412.50 4126335.10 219.30218 (14062506)
587812.50 4126355.10 163.63254 (14120708)
587832.50 4126355.10 172.81252 (14122006)
587852.50 4126355.10 171.21614 (14122006)
587872.50 4126355.10 185.40637 (14010806)
587892.50 4126355.10 198.19908 (14010806)
587912.50 4126355.10 208.88095 (16012822)
587932.50 4126355.10 222.01741 (16012822)
587952.50 4126355.10 234.06244 (13012408)
587972.50 4126355.10 248.66267 (13012408)
587992.50 4126355.10 261.47716 (13012424)
588012.50 4126355.10 277.41894 (13111102)
588032.50 4126355.10 322.48149 (15012909)
588052.50 4126355.10 368.37598 (15012909)
588072.50 4126355.10 376.53757 (15012909)
588292.50 4126355.10 291.20129 (13081101)
588312.50 4126355.10 286.00827 (15110123)
588332.50 4126355.10 266.93558 (15110123)
588352.50 4126355.10 253.48838 (14062506)
588372.50 4126355.10 253.23462 (14062506)
588392.50 4126355.10 244.89953 (14062506)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588412.50	4126355.10	229.59964	(14062506)	587812.50	4126375.10	169.83991	(14120708)
587832.50	4126375.10	180.10380	(14120708)	587852.50	4126375.10	187.23370	(14122006)
587872.50	4126375.10	184.72463	(14122006)	587892.50	4126375.10	204.57817	(14010806)
587912.50	4126375.10	222.11695	(14010806)	587932.50	4126375.10	234.83637	(16012822)
587952.50	4126375.10	249.61628	(16012822)	587972.50	4126375.10	266.07677	(13012408)
587992.50	4126375.10	280.71499	(13012408)	588012.50	4126375.10	303.52232	(13111102)
588032.50	4126375.10	332.33871	(15012909)	588292.50	4126375.10	325.95808	(15110123)
588312.50	4126375.10	307.05996	(15110123)	588332.50	4126375.10	287.23928	(14062506)
588352.50	4126375.10	287.60470	(14062506)	588372.50	4126375.10	276.00708	(14062506)
588392.50	4126375.10	256.36274	(14062506)	588412.50	4126375.10	230.29268	(14062506)
587812.50	4126395.10	171.77014	(15011809)	587832.50	4126395.10	185.60186	(14120708)
587852.50	4126395.10	198.15832	(14120708)	587872.50	4126395.10	208.53289	(14120708)
587892.50	4126395.10	206.96260	(14122006)	587912.50	4126395.10	220.47332	(14122006)
587932.50	4126395.10	245.13941	(14010806)	587952.50	4126395.10	265.09097	(16012822)
587972.50	4126395.10	285.41716	(16012822)	587992.50	4126395.10	307.01937	(13012408)
588012.50	4126395.10	326.94461	(13012424)	588292.50	4126395.10	356.00749	(15110123)

588312.50 4126395.10 334.11879 (14062506)
588332.50 4126395.10 330.57304 (14062506)
588352.50 4126395.10 314.26798 (14062506)
588372.50 4126395.10 286.89508 (14062506)
588392.50 4126395.10 254.71461 (14062506)
588412.50 4126395.10 226.94556 (13112618)
587812.50 4126415.10 173.53963 (15011809)
587832.50 4126415.10 187.57045 (15011809)
587852.50 4126415.10 199.29729 (15011809)
587872.50 4126415.10 214.57543 (14120708)
587892.50 4126415.10 231.25054 (14120708)
587912.50 4126415.10 241.76560 (14120708)
587932.50 4126415.10 252.15601 (14122006)
587952.50 4126415.10 271.32084 (14010806)
587972.50 4126415.10 303.04361 (16012822)
587992.50 4126415.10 332.78803 (16012822)
588332.50 4126415.10 363.34186 (14062506)
588352.50 4126415.10 325.48810 (14062506)
588372.50 4126415.10 282.76621 (14062506)
588392.50 4126415.10 255.31112 (15111822)
588412.50 4126415.10 243.25966 (16010817)
587812.50 4126435.10 174.19713 (17012408)
587832.50 4126435.10 188.48669 (17012408)
587852.50 4126435.10 203.90735 (15011809)
587872.50 4126435.10 220.44677 (15011809)
587892.50 4126435.10 237.66167 (15011809)
587912.50 4126435.10 261.20331 (14120708)
587932.50 4126435.10 282.64947 (14120708)
587952.50 4126435.10 300.42954 (14122006)
587972.50 4126435.10 310.49343 (14010806)
588352.50 4126435.10 315.74306 (13112618)
588372.50 4126435.10 294.75094 (16010817)
588392.50 4126435.10 273.42678 (16010817)
588412.50 4126435.10 256.55037 (13120208)
587812.50 4126455.10 177.53248 (13112820)
587832.50 4126455.10 190.05446 (13112820)
587852.50 4126455.10 203.87475 (17012408)
587872.50 4126455.10 220.87228 (17012408)
587892.50 4126455.10 241.29896 (15011809)
587912.50 4126455.10 267.07726 (15011809)
587932.50 4126455.10 294.79324 (14120708)
587952.50 4126455.10 326.94327 (14120708)
587972.50 4126455.10 352.39814 (14120708)
588372.50 4126455.10 314.12648 (13120208)
588392.50 4126455.10 286.79911 (13120208)
588412.50 4126455.10 259.91108 (13120208)
587812.50 4126475.10 184.12191 (14010804)
587832.50 4126475.10 197.80919 (14010804)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587852.50	4126475.10	214.46827	(13112820)	587872.50	4126475.10	231.18719	(13112820)
587892.50	4126475.10	250.70462	(14111624)	587912.50	4126475.10	271.53659	(17012408)
587932.50	4126475.10	300.38247	(17012408)	587952.50	4126475.10	337.77342	(15011809)
587972.50	4126475.10	378.12286	(14120708)	588412.50	4126475.10	264.82750	(13012501)
587812.50	4126495.10	190.36632	(14012520)	587832.50	4126495.10	204.49001	(14012520)
587852.50	4126495.10	218.78992	(14120907)	587872.50	4126495.10	237.81095	(14010804)
587892.50	4126495.10	259.04766	(14010804)	587912.50	4126495.10	283.66641	(13112820)
587932.50	4126495.10	308.34549	(13112820)	587952.50	4126495.10	346.91965	(17012408)
587972.50	4126495.10	394.92714	(17012408)	587812.50	4126515.10	191.66565	(14012808)
587832.50	4126515.10	207.16750	(14012808)	587852.50	4126515.10	225.03249	(14012808)
587872.50	4126515.10	243.88100	(14012808)	587892.50	4126515.10	267.48892	(14120907)
587912.50	4126515.10	292.25586	(14120907)	587932.50	4126515.10	322.15798	(14010804)
587952.50	4126515.10	357.66665	(14010804)	587972.50	4126515.10	411.24934	(14010804)
587812.50	4126535.10	191.10538	(17112006)	587832.50	4126535.10	206.28951	(17112006)
587852.50	4126535.10	223.54927	(17112006)	587872.50	4126535.10	245.92110	(14012808)
587892.50	4126535.10	269.80210	(14012808)	587912.50	4126535.10	301.76526	(14012808)

587932.50 4126535.10 336.96466 (14012808)
587952.50 4126535.10 373.96161 (14012808)
587972.50 4126535.10 426.09287 (14012808)
587992.50 4126535.10 493.41199 (14120703)
588012.50 4126535.10 574.22500 (14010804)
588032.50 4126535.10 680.21129 (14010804)
587812.50 4126555.10 198.35454 (15111908)
587832.50 4126555.10 212.62551 (15111908)
587852.50 4126555.10 227.81515 (15111908)
587872.50 4126555.10 252.75118 (15111908)
587892.50 4126555.10 278.06130 (15111908)
587912.50 4126555.10 305.22733 (15111908)
587932.50 4126555.10 343.35690 (15111908)
587952.50 4126555.10 385.17187 (15111908)
587972.50 4126555.10 429.40725 (15111908)
587992.50 4126555.10 503.85931 (13110702)
588012.50 4126555.10 597.43770 (13110702)
588032.50 4126555.10 718.25171 (14122018)
587812.50 4126575.10 192.77116 (15111908)
587832.50 4126575.10 208.86173 (15111908)
587852.50 4126575.10 224.76244 (15111908)
587872.50 4126575.10 249.52245 (15111908)
587892.50 4126575.10 274.49560 (15111908)
587912.50 4126575.10 303.52363 (15111908)
587932.50 4126575.10 341.89656 (15111908)
587952.50 4126575.10 385.33473 (15111908)
587972.50 4126575.10 437.98360 (15111908)
587992.50 4126575.10 506.14961 (15111908)
588012.50 4126575.10 605.17323 (15092024)
588032.50 4126575.10 726.94478 (15092024)
588052.50 4126575.10 892.34334 (15092024)
587812.50 4126595.10 184.66544 (14111604)
587832.50 4126595.10 199.74651 (14111604)
587852.50 4126595.10 215.56740 (14111006)
587872.50 4126595.10 237.42252 (14111006)
587892.50 4126595.10 261.66763 (14111006)
587912.50 4126595.10 290.82974 (14111006)
587932.50 4126595.10 325.88514 (14111006)
587952.50 4126595.10 368.76679 (14111006)
587972.50 4126595.10 421.40238 (14111006)
587992.50 4126595.10 494.78461 (14111006)
588012.50 4126595.10 589.72099 (14110502)
588032.50 4126595.10 726.05938 (13112608)
588052.50 4126595.10 949.56101 (13112608)
588312.50 4126595.10 507.09966 (14061906)
588332.50 4126595.10 435.20706 (14061906)
588352.50 4126595.10 381.19645 (14061906)
588372.50 4126595.10 339.17599 (14061906)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588392.50	4126595.10	302.03973	(14061906)	588412.50	4126595.10	271.25449	(14061906)
587812.50	4126615.10	181.95446	(14010622)	587832.50	4126615.10	197.81930	(14010622)
587852.50	4126615.10	214.20865	(14010622)	587872.50	4126615.10	233.74563	(14010622)
587892.50	4126615.10	256.05781	(14010622)	587912.50	4126615.10	283.14565	(14011323)
587932.50	4126615.10	321.98672	(14112720)	587952.50	4126615.10	381.63440	(13112608)
587972.50	4126615.10	453.54605	(13112608)	587992.50	4126615.10	551.90468	(13112608)
588012.50	4126615.10	670.37170	(13112608)	588032.50	4126615.10	820.82936	(13010109)
588052.50	4126615.10	1078.11254	(13010109)	588252.50	4126615.10	749.02189	(13111222)
588272.50	4126615.10	624.69281	(14012901)	588292.50	4126615.10	524.67609	(17111402)
588312.50	4126615.10	455.41791	(14061906)	588332.50	4126615.10	406.06951	(14061906)
588352.50	4126615.10	360.46610	(14061906)	588372.50	4126615.10	325.25228	(14061906)
588392.50	4126615.10	294.36128	(14061906)	588412.50	4126615.10	266.73348	(14061906)
587812.50	4126635.10	178.34859	(14011323)	587832.50	4126635.10	193.47114	(13121723)
587852.50	4126635.10	213.14064	(14112720)	587872.50	4126635.10	240.56654	(13112608)
587892.50	4126635.10	276.87449	(13112608)	587912.50	4126635.10	319.57041	(13112608)
587932.50	4126635.10	367.40486	(13112608)	587952.50	4126635.10	423.84928	(13112608)

587972.50 4126635.10 482.07267 (13112608)
587992.50 4126635.10 575.66106 (13010109)
588012.50 4126635.10 715.87899 (13010109)
588032.50 4126635.10 856.47101 (13010109)
588052.50 4126635.10 985.80246 (13010109)
588212.50 4126635.10 1131.15492 (13070306)
588232.50 4126635.10 868.21766 (13070306)
588252.50 4126635.10 680.19912 (14012323)
588272.50 4126635.10 570.31571 (13010722)
588292.50 4126635.10 494.39087 (13111222)
588312.50 4126635.10 432.45453 (17111402)
588332.50 4126635.10 381.42957 (17111402)
588352.50 4126635.10 333.45091 (17111402)
588372.50 4126635.10 297.02989 (16121104)
588392.50 4126635.10 269.08442 (16121104)
588412.50 4126635.10 245.77250 (14061906)
587812.50 4126655.10 188.86925 (13112608)
587832.50 4126655.10 210.81071 (13112608)
587852.50 4126655.10 235.76213 (13112608)
587872.50 4126655.10 264.11374 (13112608)
587892.50 4126655.10 295.51503 (13112608)
587912.50 4126655.10 331.01221 (13112608)
587932.50 4126655.10 368.02652 (13112608)
587952.50 4126655.10 431.81881 (13010109)
587972.50 4126655.10 509.26894 (13010109)
587992.50 4126655.10 593.54701 (13010109)
588012.50 4126655.10 673.20974 (13010109)
588032.50 4126655.10 726.11391 (13010109)
588172.50 4126655.10 1229.01597 (15010809)
588192.50 4126655.10 1235.87606 (13030208)
588212.50 4126655.10 1015.70383 (13030208)
588232.50 4126655.10 809.73842 (13070306)
588252.50 4126655.10 657.80052 (13070306)
588272.50 4126655.10 526.40175 (14012323)
588292.50 4126655.10 459.53221 (13010722)
588312.50 4126655.10 402.77519 (13010722)
588332.50 4126655.10 359.64615 (13112923)
588352.50 4126655.10 320.99047 (13112923)
588372.50 4126655.10 291.92327 (17111402)
588392.50 4126655.10 265.44241 (17111402)
588412.50 4126655.10 241.06696 (17111402)
587812.50 4126675.10 202.95501 (13112608)
587832.50 4126675.10 222.77968 (13112608)
587852.50 4126675.10 245.11282 (13112608)
587872.50 4126675.10 268.05514 (13112608)
587892.50 4126675.10 291.46923 (13112608)
587912.50 4126675.10 338.30784 (13010109)
587932.50 4126675.10 389.84892 (13010109)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587952.50	4126675.10	443.32191	(13010109)	587972.50	4126675.10	493.72638	(13010109)
587992.50	4126675.10	533.48833	(13010109)	588012.50	4126675.10	579.22757	(14012109)
588032.50	4126675.10	709.43373	(14012109)	588052.50	4126675.10	799.04139	(14012109)
588072.50	4126675.10	786.06842	(14012109)	588092.50	4126675.10	862.11593	(14110808)
588112.50	4126675.10	1057.40047	(14010609)	588132.50	4126675.10	1237.33432	(14110908)
588152.50	4126675.10	1036.76734	(14110908)	588172.50	4126675.10	1020.10436	(15010809)
588192.50	4126675.10	942.93376	(13030208)	588212.50	4126675.10	892.60151	(13030208)
588232.50	4126675.10	716.99678	(13030208)	588252.50	4126675.10	616.11730	(13070306)
588272.50	4126675.10	519.12117	(13070306)	588292.50	4126675.10	418.24256	(14012323)
588312.50	4126675.10	379.09016	(14012323)	588332.50	4126675.10	338.23294	(13010722)
588352.50	4126675.10	302.98423	(13010722)	588372.50	4126675.10	276.27029	(13112923)
588392.50	4126675.10	253.85552	(13112923)	588412.50	4126675.10	232.19776	(17111402)
587812.50	4126695.10	206.72170	(13112608)	587832.50	4126695.10	222.10234	(13112608)
587852.50	4126695.10	241.47397	(13010109)	587872.50	4126695.10	274.94735	(13010109)
587892.50	4126695.10	309.42720	(13010109)	587912.50	4126695.10	346.94254	(13010109)
587932.50	4126695.10	382.21301	(13010109)	587952.50	4126695.10	411.27563	(13010109)

587972.50 4126695.10 429.46046 (13010109)
587992.50 4126695.10 485.88341 (14012109)
588012.50 4126695.10 574.85316 (14012109)
588032.50 4126695.10 633.54059 (14012109)
588052.50 4126695.10 634.60582 (14012109)
588072.50 4126695.10 681.68580 (14110708)
588092.50 4126695.10 728.34679 (14010609)
588112.50 4126695.10 876.65854 (14110908)
588132.50 4126695.10 1003.80338 (14110908)
588152.50 4126695.10 832.96673 (14110908)
588172.50 4126695.10 843.51360 (15010809)
588192.50 4126695.10 713.62368 (13030208)
588212.50 4126695.10 747.21414 (13030208)
588232.50 4126695.10 671.04207 (13030208)
588252.50 4126695.10 534.06975 (13070306)
588272.50 4126695.10 489.83574 (13070306)
588292.50 4126695.10 424.07830 (13070306)
588312.50 4126695.10 351.21138 (13070306)
588332.50 4126695.10 316.14718 (14012323)
588352.50 4126695.10 288.61029 (14012323)
588372.50 4126695.10 262.69651 (13010722)
588392.50 4126695.10 240.12613 (13111324)
588412.50 4126695.10 221.83296 (16110902)
587812.50 4126715.10 204.92725 (13010109)
587832.50 4126715.10 230.37833 (13010109)
587852.50 4126715.10 255.18356 (13010109)
587872.50 4126715.10 280.60425 (13010109)
587892.50 4126715.10 304.34718 (13010109)
587912.50 4126715.10 328.73703 (13010109)
587932.50 4126715.10 344.59073 (13010109)
587952.50 4126715.10 353.81521 (13123109)
587972.50 4126715.10 414.07990 (14012109)
587992.50 4126715.10 477.03883 (14012109)
588012.50 4126715.10 520.02020 (14012109)
588032.50 4126715.10 523.28806 (14012109)
588052.50 4126715.10 555.01849 (14110708)
588072.50 4126715.10 584.99952 (14110808)
588092.50 4126715.10 681.56641 (14010609)
588112.50 4126715.10 771.73534 (14110908)
588132.50 4126715.10 828.46078 (14110908)
588152.50 4126715.10 681.83846 (14110908)
588172.50 4126715.10 710.69114 (15010809)
588192.50 4126715.10 644.24231 (15010809)
588212.50 4126715.10 614.34773 (13030208)
588232.50 4126715.10 595.24762 (13030208)
588252.50 4126715.10 519.44900 (13030208)
588272.50 4126715.10 437.40133 (13070306)
588292.50 4126715.10 402.47329 (13070306)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588312.50	4126715.10	354.16204	(13070306)	588332.50	4126715.10	302.14459	(13070306)
588352.50	4126715.10	269.82780	(16121208)	588372.50	4126715.10	248.91382	(14012323)
588392.50	4126715.10	228.76119	(13010722)	588412.50	4126715.10	211.87154	(13010722)
587812.50	4126735.10	215.04349	(13010109)	587832.50	4126735.10	235.05961	(13010109)
587852.50	4126735.10	253.03823	(13010109)	587872.50	4126735.10	269.69286	(13010109)
587892.50	4126735.10	281.67894	(13010109)	587912.50	4126735.10	289.49317	(13010109)
587932.50	4126735.10	309.14449	(13123109)	587952.50	4126735.10	359.70588	(14012109)
587972.50	4126735.10	404.85799	(14012109)	587992.50	4126735.10	435.87433	(14012109)
588012.50	4126735.10	441.06701	(14012109)	588032.50	4126735.10	449.38603	(14110708)
588052.50	4126735.10	501.13949	(14110708)	588072.50	4126735.10	530.68530	(14110808)
588092.50	4126735.10	595.19582	(14010609)	588112.50	4126735.10	675.14920	(14110908)
588132.50	4126735.10	694.69613	(14110908)	588152.50	4126735.10	581.97842	(13010309)
588172.50	4126735.10	603.11514	(15010809)	588192.50	4126735.10	573.77027	(15010809)
588212.50	4126735.10	497.09019	(13030208)	588232.50	4126735.10	516.25647	(13030208)
588252.50	4126735.10	481.66734	(13030208)	588272.50	4126735.10	413.77702	(13030208)
588292.50	4126735.10	365.16209	(13070306)	588312.50	4126735.10	338.27909	(13070306)

588332.50 4126735.10 302.10587 (13070306)
588352.50 4126735.10 261.67384 (13070306)
588372.50 4126735.10 235.46833 (16121208)
588392.50 4126735.10 217.36305 (14012323)
588412.50 4126735.10 202.79895 (14012323)
587812.50 4126755.10 214.14236 (13010109)
587832.50 4126755.10 227.53786 (13010109)
587852.50 4126755.10 238.07383 (13010109)
587872.50 4126755.10 246.13629 (13010109)
587892.50 4126755.10 245.82642 (13010109)
587912.50 4126755.10 272.21619 (14012109)
587932.50 4126755.10 312.99051 (14012109)
587952.50 4126755.10 350.50723 (14012109)
587972.50 4126755.10 374.26475 (14012109)
587992.50 4126755.10 376.04544 (14012109)
588012.50 4126755.10 367.14416 (14110708)
588032.50 4126755.10 421.13395 (14110708)
588052.50 4126755.10 464.70478 (14110808)
588072.50 4126755.10 489.07723 (14110808)
588092.50 4126755.10 499.89841 (14010609)
588112.50 4126755.10 594.27807 (14110908)
588132.50 4126755.10 592.42777 (14110908)
588152.50 4126755.10 505.36078 (13010309)
588172.50 4126755.10 517.15706 (15010809)
588192.50 4126755.10 513.24880 (15010809)
588212.50 4126755.10 428.16377 (15010809)
588232.50 4126755.10 440.58749 (13030208)
588252.50 4126755.10 433.53700 (13030208)
588272.50 4126755.10 394.88826 (13030208)
588292.50 4126755.10 335.58598 (13030208)
588312.50 4126755.10 309.22873 (13070306)
588332.50 4126755.10 289.06945 (13070306)
588352.50 4126755.10 261.88435 (13070306)
588372.50 4126755.10 229.77299 (13070306)
588392.50 4126755.10 209.39761 (16121208)
588412.50 4126755.10 193.41072 (16121208)
587812.50 4126775.10 204.65360 (13010109)
587832.50 4126775.10 210.85474 (13010109)
587852.50 4126775.10 213.00876 (13010109)
587872.50 4126775.10 222.91861 (13123109)
587892.50 4126775.10 243.51630 (14012109)
587912.50 4126775.10 277.25199 (14012109)
587932.50 4126775.10 304.98218 (14012109)
587952.50 4126775.10 325.38559 (14012109)
587972.50 4126775.10 330.15006 (14012109)
587992.50 4126775.10 311.74492 (14012109)
588012.50 4126775.10 352.31022 (14110708)
588032.50 4126775.10 382.23783 (14110808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588052.50	4126775.10	424.22328	(14110808)	588072.50	4126775.10	439.80705	(14010609)
588092.50	4126775.10	441.44418	(14110908)	588112.50	4126775.10	525.21620	(14110908)
588132.50	4126775.10	513.52961	(14110908)	588152.50	4126775.10	444.51814	(13010309)
588172.50	4126775.10	447.90008	(15010809)	588192.50	4126775.10	456.37292	(15010809)
588212.50	4126775.10	400.62835	(15010809)	588232.50	4126775.10	371.88694	(13030208)
588252.50	4126775.10	383.61530	(13030208)	588272.50	4126775.10	366.49677	(13030208)
588292.50	4126775.10	329.28006	(13030208)	588312.50	4126775.10	279.84459	(13030208)
588332.50	4126775.10	268.05996	(13070306)	588352.50	4126775.10	251.98470	(13070306)
588372.50	4126775.10	229.21361	(13070306)	588392.50	4126775.10	204.45871	(13070306)
588412.50	4126775.10	186.11209	(14111403)	587812.50	4126795.10	187.65536	(13010109)
587832.50	4126795.10	186.89013	(13010109)	587852.50	4126795.10	204.42672	(13123109)
587872.50	4126795.10	222.00159	(14012109)	587892.50	4126795.10	246.83202	(14012109)
587912.50	4126795.10	269.59348	(14012109)	587932.50	4126795.10	284.56185	(14012109)
587952.50	4126795.10	287.83233	(14012109)	587972.50	4126795.10	277.47194	(14012109)
587992.50	4126795.10	298.04770	(14110708)	588012.50	4126795.10	329.01647	(14110708)
588032.50	4126795.10	361.77246	(14110808)	588052.50	4126795.10	381.84044	(14110808)

588072.50 4126795.10 393.64874 (14010609)
588092.50 4126795.10 426.71842 (14110908)
588112.50 4126795.10 459.13086 (14110908)
588132.50 4126795.10 448.59628 (14110908)
588152.50 4126795.10 395.25310 (13010309)
588172.50 4126795.10 391.89253 (15010809)
588192.50 4126795.10 405.84848 (15010809)
588212.50 4126795.10 372.43724 (15010809)
588232.50 4126795.10 312.81944 (13030208)
588252.50 4126795.10 336.55499 (13030208)
588272.50 4126795.10 335.40510 (13030208)
588292.50 4126795.10 313.99033 (13030208)
588312.50 4126795.10 276.95971 (13030208)
588332.50 4126795.10 241.93910 (13070306)
588352.50 4126795.10 234.98430 (13070306)
588372.50 4126795.10 221.80842 (13070306)
588392.50 4126795.10 203.38994 (13070306)
588412.50 4126795.10 184.01935 (13070306)
587812.50 4126815.10 171.54528 (13123109)
587832.50 4126815.10 185.67118 (13123109)
587852.50 4126815.10 203.64534 (14012109)
587872.50 4126815.10 223.46354 (14012109)
587892.50 4126815.10 240.81947 (14012109)
587912.50 4126815.10 253.03004 (14012109)
587932.50 4126815.10 255.89976 (14012109)
587952.50 4126815.10 247.60803 (14012109)
587972.50 4126815.10 256.86531 (14110708)
587992.50 4126815.10 285.15078 (14110708)
588012.50 4126815.10 303.21768 (14110808)
588032.50 4126815.10 335.39181 (14110808)
588052.50 4126815.10 341.06986 (14010609)
588072.50 4126815.10 350.84119 (14010609)
588092.50 4126815.10 392.57158 (14110908)
588112.50 4126815.10 401.21348 (14110908)
588132.50 4126815.10 396.20718 (14110908)
588152.50 4126815.10 354.45254 (13010309)
588172.50 4126815.10 344.65111 (15010809)
588192.50 4126815.10 365.38283 (15010809)
588212.50 4126815.10 345.75136 (15010809)
588232.50 4126815.10 293.42216 (15010809)
588252.50 4126815.10 292.19828 (13030208)
588272.50 4126815.10 301.57931 (13030208)
588292.50 4126815.10 292.07991 (13030208)
588312.50 4126815.10 269.50622 (13030208)
588332.50 4126815.10 237.62475 (13030208)
588352.50 4126815.10 214.85241 (13070306)
588372.50 4126815.10 207.40464 (13070306)
588392.50 4126815.10 196.74951 (13070306)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: AREA2 ***
INCLUDING SOURCE(S): AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588412.50	4126815.10	181.85184	(13070306)	587812.50	4126835.10	169.76658	(13123109)
587832.50	4126835.10	186.34679	(14012109)	587852.50	4126835.10	203.12480	(14012109)
587872.50	4126835.10	217.37021	(14012109)	587892.50	4126835.10	226.78101	(14012109)
587912.50	4126835.10	228.49034	(14012109)	587932.50	4126835.10	221.88422	(14012109)
587952.50	4126835.10	222.46581	(17092807)	587972.50	4126835.10	247.64584	(14110708)
587992.50	4126835.10	265.22006	(14110708)	588012.50	4126835.10	289.58301	(14110808)
588032.50	4126835.10	307.31679	(14110808)	588052.50	4126835.10	312.12590	(14010609)
588072.50	4126835.10	313.92702	(14110908)	588092.50	4126835.10	360.26986	(14110908)
588112.50	4126835.10	367.31583	(14110908)	588132.50	4126835.10	352.14685	(14110908)
588152.50	4126835.10	319.78887	(13010309)	588172.50	4126835.10	306.24771	(15010809)
588192.50	4126835.10	329.33740	(15010809)	588212.50	4126835.10	319.04121	(15010809)
588232.50	4126835.10	280.31892	(15010809)	588252.50	4126835.10	253.71553	(13030208)
588272.50	4126835.10	268.18563	(13030208)	588292.50	4126835.10	268.43681	(13030208)
588312.50	4126835.10	255.82620	(13030208)	588332.50	4126835.10	233.53325	(13030208)
588352.50	4126835.10	204.27578	(13030208)	588372.50	4126835.10	190.67203	(13070306)
588392.50	4126835.10	186.89032	(13070306)	588412.50	4126835.10	177.65985	(13070306)

587812.50 4126855.10 170.96175 (14012109)
587832.50 4126855.10 186.42103 (14012109)
587852.50 4126855.10 197.89769 (14012109)
587872.50 4126855.10 206.12740 (14012109)
587892.50 4126855.10 208.07858 (14012109)
587912.50 4126855.10 203.47912 (14012109)
587932.50 4126855.10 199.44497 (14111608)
587952.50 4126855.10 219.71065 (14110708)
587972.50 4126855.10 238.54652 (14110708)
587992.50 4126855.10 249.81142 (14110808)
588012.50 4126855.10 271.73633 (14110808)
588032.50 4126855.10 277.52354 (14110808)
588052.50 4126855.10 285.44156 (14010609)
588072.50 4126855.10 296.98573 (14110908)
588092.50 4126855.10 331.73821 (14110908)
588112.50 4126855.10 339.03425 (14110908)
588132.50 4126855.10 312.64366 (14110908)
588152.50 4126855.10 290.49307 (13010309)
588172.50 4126855.10 274.70474 (15010809)
588192.50 4126855.10 297.74435 (15010809)
588212.50 4126855.10 294.71747 (15010809)
588232.50 4126855.10 266.09361 (15010809)
588252.50 4126855.10 230.58699 (15040107)
588272.50 4126855.10 236.20381 (13030208)
588292.50 4126855.10 243.55614 (13030208)
588312.50 4126855.10 239.24295 (13030208)
588332.50 4126855.10 224.80815 (13030208)
588352.50 4126855.10 203.12748 (13030208)
588372.50 4126855.10 177.09174 (13030208)
588392.50 4126855.10 172.26955 (13070306)
588412.50 4126855.10 168.66738 (13070306)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587812.50	4126255.10	268.85732	(16012822)	587832.50	4126255.10	273.18587	(13012408)
587852.50	4126255.10	274.56562	(13012408)	587872.50	4126255.10	298.56392	(13012424)
587892.50	4126255.10	310.67144	(13012424)	587912.50	4126255.10	323.80748	(13111102)
587932.50	4126255.10	330.08275	(13012409)	587952.50	4126255.10	371.64047	(15012909)
587972.50	4126255.10	413.66590	(15012909)	587992.50	4126255.10	433.80858	(15012909)
588012.50	4126255.10	424.93550	(15012909)	588032.50	4126255.10	402.88041	(15012909)
588052.50	4126255.10	381.56426	(13112321)	588072.50	4126255.10	388.34272	(14122017)
588092.50	4126255.10	400.05438	(14122017)	588112.50	4126255.10	391.94741	(15011704)
588132.50	4126255.10	394.06044	(13122819)	588152.50	4126255.10	396.77231	(13111404)
588172.50	4126255.10	426.05153	(16122218)	588192.50	4126255.10	435.80996	(16122218)
588212.50	4126255.10	419.61076	(16122218)	588232.50	4126255.10	412.51336	(13090901)
588252.50	4126255.10	402.12477	(17013121)	588272.50	4126255.10	388.32378	(14012822)
588292.50	4126255.10	381.64050	(13122318)	588312.50	4126255.10	368.47680	(13122318)
588332.50	4126255.10	350.88005	(15012518)	588352.50	4126255.10	335.78245	(15110123)
588372.50	4126255.10	337.61982	(15110123)	588392.50	4126255.10	318.63900	(15110123)

588412.50 4126255.10 299.48958 (13110308)
587812.50 4126275.10 278.59178 (16012822)
587832.50 4126275.10 277.69461 (13012923)
587852.50 4126275.10 299.49464 (13012408)
587872.50 4126275.10 300.81481 (13012408)
587892.50 4126275.10 326.78590 (13012424)
587912.50 4126275.10 337.71950 (13111102)
587932.50 4126275.10 350.79981 (13111102)
587952.50 4126275.10 375.40072 (15012909)
587972.50 4126275.10 425.83610 (15012909)
587992.50 4126275.10 455.46064 (15012909)
588012.50 4126275.10 462.33287 (15012909)
588032.50 4126275.10 444.91982 (15012909)
588052.50 4126275.10 406.76924 (13112321)
588072.50 4126275.10 409.31022 (14122017)
588092.50 4126275.10 427.20586 (14122017)
588112.50 4126275.10 419.03119 (15011704)
588132.50 4126275.10 423.98314 (13122819)
588152.50 4126275.10 432.23163 (13111404)
588172.50 4126275.10 463.18810 (16122218)
588192.50 4126275.10 467.22336 (16122218)
588212.50 4126275.10 443.87704 (16090524)
588232.50 4126275.10 443.38991 (17013121)
588252.50 4126275.10 430.34871 (17013121)
588272.50 4126275.10 406.83158 (14012822)
588292.50 4126275.10 407.12889 (13122318)
588312.50 4126275.10 388.46894 (15012518)
588332.50 4126275.10 362.21106 (13081101)
588352.50 4126275.10 363.17581 (15110123)
588372.50 4126275.10 352.28658 (15110123)
588392.50 4126275.10 326.04230 (15110123)
588412.50 4126275.10 318.39748 (13110308)
587812.50 4126295.10 295.38507 (16012822)
587832.50 4126295.10 296.22425 (16012822)
587852.50 4126295.10 303.32971 (13012923)
587872.50 4126295.10 307.15068 (13012408)
587892.50 4126295.10 342.74542 (13012408)
587912.50 4126295.10 356.58815 (13012424)
587932.50 4126295.10 376.27412 (13111102)
587952.50 4126295.10 384.49865 (13111102)
587972.50 4126295.10 436.73324 (15012909)
587992.50 4126295.10 483.30252 (15012909)
588012.50 4126295.10 502.68302 (15012909)
588032.50 4126295.10 489.94490 (15012909)
588052.50 4126295.10 451.96720 (15012909)
588072.50 4126295.10 438.80763 (14122017)
588092.50 4126295.10 459.75006 (14122017)
588112.50 4126295.10 451.46470 (15011704)
588132.50 4126295.10 459.60999 (13122819)
588152.50 4126295.10 471.72336 (13111404)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588232.50	4126295.10	479.79707	(17013121)	588252.50	4126295.10	455.58472	(14012822)
588272.50	4126295.10	442.28185	(13122318)	588292.50	4126295.10	425.21146	(13122318)
588312.50	4126295.10	400.29059	(15012518)	588332.50	4126295.10	399.17076	(15110123)
588352.50	4126295.10	390.87883	(15110123)	588372.50	4126295.10	360.55416	(15110123)
588392.50	4126295.10	348.04637	(13110308)	588412.50	4126295.10	350.53695	(14062506)
587812.50	4126315.10	303.13164	(13012303)	587832.50	4126315.10	313.33699	(16012822)
587852.50	4126315.10	316.81767	(16012822)	587872.50	4126315.10	333.99709	(13012923)
587892.50	4126315.10	361.74430	(13012408)	587912.50	4126315.10	376.40356	(13012408)
587932.50	4126315.10	395.83074	(13012424)	587952.50	4126315.10	415.03492	(13111102)
587972.50	4126315.10	442.37411	(15012909)	587992.50	4126315.10	506.17142	(15012909)
588012.50	4126315.10	541.87285	(15012909)	588032.50	4126315.10	542.84453	(15012909)
588052.50	4126315.10	508.11354	(15012909)	588072.50	4126315.10	477.12711	(13112321)
588092.50	4126315.10	501.65599	(14122017)	588112.50	4126315.10	490.08169	(14122017)
588132.50	4126315.10	497.14957	(13122819)	588232.50	4126315.10	511.09772	(17013121)
588252.50	4126315.10	495.03460	(14012822)	588272.50	4126315.10	480.85027	(13122318)

588292.50 4126315.10 450.91590 (15012518)
588312.50 4126315.10 439.82392 (15110123)
588332.50 4126315.10 431.15849 (15110123)
588352.50 4126315.10 402.16524 (15110123)
588372.50 4126315.10 382.85695 (13110308)
588392.50 4126315.10 386.21015 (14062506)
588412.50 4126315.10 380.63035 (14062506)
587812.50 4126335.10 320.81040 (14010806)
587832.50 4126335.10 332.33971 (13012303)
587852.50 4126335.10 319.01071 (16012822)
587872.50 4126335.10 359.08671 (16012822)
587892.50 4126335.10 375.78587 (13012408)
587912.50 4126335.10 402.34828 (13012408)
587932.50 4126335.10 417.38290 (13012424)
587952.50 4126335.10 436.71712 (13111102)
587972.50 4126335.10 452.32604 (13111102)
587992.50 4126335.10 521.51054 (15012909)
588012.50 4126335.10 574.86188 (15012909)
588032.50 4126335.10 595.19804 (15012909)
588052.50 4126335.10 572.04092 (15012909)
588072.50 4126335.10 526.44233 (13112321)
588092.50 4126335.10 541.54495 (14122017)
588272.50 4126335.10 513.15887 (13122318)
588292.50 4126335.10 483.49667 (15110123)
588312.50 4126335.10 481.74062 (15110123)
588332.50 4126335.10 449.53262 (15110123)
588352.50 4126335.10 423.88829 (13110308)
588372.50 4126335.10 429.72373 (14062506)
588392.50 4126335.10 420.84694 (14062506)
588412.50 4126335.10 401.63488 (14062506)
587812.50 4126355.10 336.21677 (14122006)
587832.50 4126355.10 351.78570 (14010806)
587852.50 4126355.10 347.23501 (14010806)
587872.50 4126355.10 373.62734 (16012822)
587892.50 4126355.10 403.15347 (16012822)
587912.50 4126355.10 418.50727 (13012408)
587932.50 4126355.10 448.15653 (13012408)
587952.50 4126355.10 463.17194 (13012424)
587972.50 4126355.10 489.02646 (13111102)
587992.50 4126355.10 536.79828 (15012909)
588012.50 4126355.10 612.12891 (15012909)
588032.50 4126355.10 653.35789 (15012909)
588052.50 4126355.10 651.55311 (15012909)
588072.50 4126355.10 592.03179 (15012909)
588292.50 4126355.10 538.36766 (15110123)
588312.50 4126355.10 506.98097 (15110123)
588332.50 4126355.10 475.15435 (14062506)
588352.50 4126355.10 481.60201 (14062506)
588372.50 4126355.10 468.75837 (14062506)
588392.50 4126355.10 443.37914 (14062506)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588412.50	4126355.10	411.15539	(14062506)	587812.50	4126375.10	349.22266	(14122006)
587832.50	4126375.10	369.33716	(14122006)	587852.50	4126375.10	383.75606	(16012024)
587872.50	4126375.10	377.40993	(14010806)	587892.50	4126375.10	413.06460	(16012822)
587912.50	4126375.10	451.56700	(16012822)	587932.50	4126375.10	471.81430	(13012408)
587952.50	4126375.10	500.49290	(13012408)	587972.50	4126375.10	523.11891	(13012424)
587992.50	4126375.10	550.33362	(13111102)	588012.50	4126375.10	646.74860	(15012909)
588032.50	4126375.10	719.32497	(15012909)	588292.50	4126375.10	577.43700	(15110123)
588312.50	4126375.10	538.06473	(14062506)	588332.50	4126375.10	542.05150	(14062506)
588352.50	4126375.10	527.05809	(14062506)	588372.50	4126375.10	495.25348	(14062506)
588392.50	4126375.10	451.24222	(14062506)	588412.50	4126375.10	403.37031	(14062506)
587812.50	4126395.10	362.86297	(14120708)	587832.50	4126395.10	386.96778	(14120708)
587852.50	4126395.10	407.33070	(14122006)	587872.50	4126395.10	427.52598	(14122006)
587892.50	4126395.10	422.85995	(14010806)	587912.50	4126395.10	444.62402	(16012822)
587932.50	4126395.10	499.12352	(16012822)	587952.50	4126395.10	532.73327	(13012408)
587972.50	4126395.10	565.94425	(13012408)	587992.50	4126395.10	599.77401	(13111102)

588012.50 4126395.10 669.40481 (15012909)
588292.50 4126395.10 614.34469 (14062506)
588312.50 4126395.10 624.02508 (14062506)
588332.50 4126395.10 598.66202 (14062506)
588352.50 4126395.10 556.02598 (14062506)
588372.50 4126395.10 500.13253 (14062506)
588392.50 4126395.10 441.69238 (16110721)
588412.50 4126395.10 413.72268 (13112618)
587812.50 4126415.10 366.24071 (15011809)
587832.50 4126415.10 398.67718 (14120708)
587852.50 4126415.10 421.98543 (14120708)
587872.50 4126415.10 446.98282 (14122006)
587892.50 4126415.10 477.14825 (14122006)
587912.50 4126415.10 498.11092 (14010806)
587932.50 4126415.10 509.18545 (16012822)
587952.50 4126415.10 552.84160 (16012822)
587972.50 4126415.10 609.24764 (13012408)
587992.50 4126415.10 648.10155 (13012408)
588332.50 4126415.10 633.45104 (14062506)
588352.50 4126415.10 557.19335 (14062506)
588372.50 4126415.10 498.13442 (13112618)
588392.50 4126415.10 465.70806 (16010817)
588412.50 4126415.10 442.12587 (16010817)
587812.50 4126435.10 377.78631 (15011809)
587832.50 4126435.10 406.27239 (15011809)
587852.50 4126435.10 434.38686 (14120708)
587872.50 4126435.10 470.03241 (14120708)
587892.50 4126435.10 505.19938 (14120708)
587912.50 4126435.10 542.55249 (14122006)
587932.50 4126435.10 578.59076 (14010806)
587952.50 4126435.10 607.72468 (16012822)
587972.50 4126435.10 638.38245 (16012822)
588352.50 4126435.10 565.58702 (16010817)
588372.50 4126435.10 531.03344 (16010817)
588392.50 4126435.10 496.50187 (13120208)
588412.50 4126435.10 464.37625 (13120208)
587812.50 4126455.10 378.70592 (17012408)
587832.50 4126455.10 410.28698 (17012408)
587852.50 4126455.10 445.13718 (15011809)
587872.50 4126455.10 481.63913 (15011809)
587892.50 4126455.10 521.31105 (14120708)
587912.50 4126455.10 574.48918 (14120708)
587932.50 4126455.10 620.55545 (14122006)
587952.50 4126455.10 671.19779 (14122006)
587972.50 4126455.10 713.61829 (16012822)
588372.50 4126455.10 561.37544 (13120208)
588392.50 4126455.10 511.20054 (13120208)
588412.50 4126455.10 465.47880 (13012501)
587812.50 4126475.10 399.91954 (13112820)
587832.50 4126475.10 429.25312 (13112820)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587852.50	4126475.10	459.38059	(17012408)	587872.50	4126475.10	502.23853	(17012408)
587892.50	4126475.10	546.89165	(15011809)	587912.50	4126475.10	595.57298	(15011809)
587932.50	4126475.10	662.06814	(14120708)	587952.50	4126475.10	729.78212	(14120708)
587972.50	4126475.10	793.15885	(14122006)	588412.50	4126475.10	475.50778	(13012501)
587812.50	4126495.10	412.45356	(14010804)	587832.50	4126495.10	444.88327	(14010804)
587852.50	4126495.10	478.61503	(13112820)	587872.50	4126495.10	521.35932	(13112820)
587892.50	4126495.10	567.28896	(13010821)	587912.50	4126495.10	627.42110	(17012408)
587932.50	4126495.10	683.41867	(17012408)	587952.50	4126495.10	770.37106	(14120708)
587972.50	4126495.10	875.53956	(14120708)	587812.50	4126515.10	418.38474	(14120703)
587832.50	4126515.10	454.51492	(14120907)	587852.50	4126515.10	493.82338	(14120907)
587872.50	4126515.10	538.89269	(14010804)	587892.50	4126515.10	595.75494	(14010804)
587912.50	4126515.10	653.35367	(14010804)	587932.50	4126515.10	725.38435	(13010821)
587952.50	4126515.10	806.80902	(17012408)	587972.50	4126515.10	927.08106	(17012408)
587812.50	4126535.10	425.39719	(14012808)	587832.50	4126535.10	463.12607	(13110702)
587852.50	4126535.10	507.11577	(14012808)	587872.50	4126535.10	559.33187	(14012808)

587892.50 4126535.10 613.71790 (14012808)
587912.50 4126535.10 683.39778 (14120703)
587932.50 4126535.10 765.34085 (14120703)
587952.50 4126535.10 861.53830 (14010804)
587972.50 4126535.10 986.41912 (14010804)
587992.50 4126535.10 1161.39403 (15111823)
588012.50 4126535.10 1353.51607 (16110401)
588032.50 4126535.10 1554.51523 (16110401)
587812.50 4126555.10 433.12810 (15111908)
587832.50 4126555.10 466.94139 (15111908)
587852.50 4126555.10 502.79550 (15111908)
587872.50 4126555.10 556.46024 (15111908)
587892.50 4126555.10 620.11114 (13110702)
587912.50 4126555.10 693.94282 (13110702)
587932.50 4126555.10 798.40298 (14012808)
587952.50 4126555.10 918.76069 (14012808)
587972.50 4126555.10 1048.02185 (14012808)
587992.50 4126555.10 1238.81579 (14120703)
588012.50 4126555.10 1472.69581 (14122018)
588032.50 4126555.10 1843.29385 (13111101)
587812.50 4126575.10 436.92697 (15111908)
587832.50 4126575.10 476.93626 (15111908)
587852.50 4126575.10 517.84990 (15111908)
587872.50 4126575.10 579.56741 (15111908)
587892.50 4126575.10 644.30507 (15111908)
587912.50 4126575.10 721.44161 (15111908)
587932.50 4126575.10 822.81616 (15111908)
587952.50 4126575.10 940.36093 (15111908)
587972.50 4126575.10 1087.21021 (15111908)
587992.50 4126575.10 1293.49766 (14111602)
588012.50 4126575.10 1594.67097 (14122018)
588032.50 4126575.10 2044.21707 (14122018)
588052.50 4126575.10 2712.97144 (13120202)
587812.50 4126595.10 419.88764 (14111824)
587832.50 4126595.10 457.86321 (14111824)
587852.50 4126595.10 495.29905 (14111824)
587872.50 4126595.10 552.19524 (14111824)
587892.50 4126595.10 613.52484 (14111824)
587912.50 4126595.10 687.41299 (14111824)
587932.50 4126595.10 784.47483 (14111006)
587952.50 4126595.10 910.44356 (14111006)
587972.50 4126595.10 1072.54007 (14111006)
587992.50 4126595.10 1294.79716 (14111006)
588012.50 4126595.10 1609.13194 (14110502)
588032.50 4126595.10 2061.99059 (14110502)
588052.50 4126595.10 2809.85493 (13090824)
588312.50 4126595.10 855.66128 (14061906)
588332.50 4126595.10 742.01784 (14061906)
588352.50 4126595.10 655.05651 (14061906)
588372.50 4126595.10 587.12496 (14061906)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588392.50	4126595.10	527.36509	(14061906)	588412.50	4126595.10	476.72795	(14061906)
587812.50	4126615.10	408.87326	(14111006)	587832.50	4126615.10	450.77925	(14010622)
587852.50	4126615.10	493.42917	(14010622)	587872.50	4126615.10	545.20524	(14111006)
587892.50	4126615.10	605.06486	(14010622)	587912.50	4126615.10	676.88613	(14111006)
587932.50	4126615.10	781.04934	(14110502)	587952.50	4126615.10	932.06547	(13112608)
587972.50	4126615.10	1146.47357	(13112608)	587992.50	4126615.10	1438.02554	(13112608)
588012.50	4126615.10	1801.67799	(13112608)	588032.50	4126615.10	2440.22941	(13010109)
588052.50	4126615.10	3154.77756	(13010109)	588252.50	4126615.10	1196.56335	(14012901)
588272.50	4126615.10	1043.62976	(14061906)	588292.50	4126615.10	920.76410	(14061906)
588312.50	4126615.10	813.23085	(14061906)	588332.50	4126615.10	724.41985	(14061906)
588352.50	4126615.10	645.20296	(14061906)	588372.50	4126615.10	583.62796	(14061906)
588392.50	4126615.10	528.68732	(14061906)	588412.50	4126615.10	480.64518	(14061906)
587812.50	4126635.10	403.06362	(14011323)	587832.50	4126635.10	441.13764	(14011323)
587852.50	4126635.10	487.32928	(13121723)	587872.50	4126635.10	554.68046	(13112608)
587892.50	4126635.10	649.43412	(13112608)	587912.50	4126635.10	762.20299	(13112608)

587932.50 4126635.10 892.26955 (13112608)
587952.50 4126635.10 1049.22191 (13112608)
587972.50 4126635.10 1221.59057 (13010109)
587992.50 4126635.10 1560.26627 (13010109)
588012.50 4126635.10 1947.87122 (13010109)
588032.50 4126635.10 2254.53452 (13010109)
588052.50 4126635.10 2768.46100 (14012109)
588212.50 4126635.10 1543.21999 (14062906)
588232.50 4126635.10 1265.86295 (15011021)
588252.50 4126635.10 1090.12076 (13111222)
588272.50 4126635.10 957.94694 (13111222)
588292.50 4126635.10 836.13445 (17111402)
588312.50 4126635.10 737.44203 (17111402)
588332.50 4126635.10 653.52605 (16121104)
588352.50 4126635.10 582.06113 (14061906)
588372.50 4126635.10 535.68994 (14061906)
588392.50 4126635.10 495.87829 (14061906)
588412.50 4126635.10 458.62282 (14061906)
587812.50 4126655.10 424.48848 (13112608)
587832.50 4126655.10 477.88300 (13112608)
587852.50 4126655.10 540.77168 (13112608)
587872.50 4126655.10 612.36211 (13112608)
587892.50 4126655.10 693.58165 (13112608)
587912.50 4126655.10 784.89205 (13112608)
587932.50 4126655.10 904.21493 (13010109)
587952.50 4126655.10 1091.20801 (13010109)
587972.50 4126655.10 1293.17972 (13010109)
587992.50 4126655.10 1491.15336 (13010109)
588012.50 4126655.10 1619.06283 (13010109)
588032.50 4126655.10 2019.68318 (14012109)
588172.50 4126655.10 1934.03981 (13030208)
588192.50 4126655.10 1686.93534 (13030208)
588212.50 4126655.10 1441.35300 (13070306)
588232.50 4126655.10 1180.26486 (13070306)
588252.50 4126655.10 995.12788 (14012323)
588272.50 4126655.10 873.59088 (13010722)
588292.50 4126655.10 772.62644 (13112923)
588312.50 4126655.10 699.30725 (13111222)
588332.50 4126655.10 631.67708 (17111402)
588352.50 4126655.10 569.07644 (17111402)
588372.50 4126655.10 515.27909 (17111402)
588392.50 4126655.10 469.70761 (16121104)
588412.50 4126655.10 432.71722 (16121104)
587812.50 4126675.10 458.00359 (13112608)
587832.50 4126675.10 507.04807 (13112608)
587852.50 4126675.10 560.63351 (13112608)
587872.50 4126675.10 617.26672 (13112608)
587892.50 4126675.10 700.47364 (13010109)
587912.50 4126675.10 818.39207 (13010109)
587932.50 4126675.10 944.50097 (13010109)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
587952.50	4126675.10	1068.48365	(13010109)	587972.50	4126675.10	1165.75136	(13010109)
587992.50	4126675.10	1269.28207	(14012109)	588012.50	4126675.10	1544.27457	(14012109)
588032.50	4126675.10	1682.34173	(14012109)	588052.50	4126675.10	1631.01683	(14110708)
588072.50	4126675.10	1858.72110	(14010609)	588092.50	4126675.10	1884.85969	(14110908)
588112.50	4126675.10	1895.33587	(14110908)	588132.50	4126675.10	1540.83971	(14110908)
588152.50	4126675.10	1532.69240	(13030208)	588172.50	4126675.10	1614.32487	(13030208)
588192.50	4126675.10	1510.40152	(13030208)	588212.50	4126675.10	1247.18257	(13070306)
588232.50	4126675.10	1122.90514	(13070306)	588252.50	4126675.10	944.46260	(13070306)
588272.50	4126675.10	803.03779	(14012323)	588292.50	4126675.10	723.90258	(13010722)
588312.50	4126675.10	652.69507	(13010722)	588332.50	4126675.10	586.09363	(13112923)
588352.50	4126675.10	541.37580	(13112923)	588372.50	4126675.10	495.93968	(13112923)
588392.50	4126675.10	458.49500	(17111402)	588412.50	4126675.10	421.08064	(17111402)
587812.50	4126695.10	463.67378	(13112608)	587832.50	4126695.10	500.61348	(13112608)
587852.50	4126695.10	565.57248	(13010109)	587872.50	4126695.10	644.43619	(13010109)
587892.50	4126695.10	726.27835	(13010109)	587912.50	4126695.10	811.30389	(13010109)

587932.50 4126695.10 882.83637 (13010109)
587952.50 4126695.10 928.97095 (13010109)
587972.50 4126695.10 1044.84974 (14012109)
587992.50 4126695.10 1231.31210 (14012109)
588012.50 4126695.10 1334.41513 (14012109)
588032.50 4126695.10 1285.25606 (14012109)
588052.50 4126695.10 1419.51319 (14110808)
588072.50 4126695.10 1544.36584 (14010609)
588092.50 4126695.10 1546.26521 (14110908)
588112.50 4126695.10 1620.83092 (14110908)
588132.50 4126695.10 1357.32474 (15010809)
588152.50 4126695.10 1309.01877 (15010809)
588172.50 4126695.10 1333.81419 (13030208)
588192.50 4126695.10 1319.87202 (13030208)
588212.50 4126695.10 1169.53266 (13030208)
588232.50 4126695.10 1005.35688 (13070306)
588252.50 4126695.10 903.40658 (13070306)
588272.50 4126695.10 779.98638 (13070306)
588292.50 4126695.10 666.41905 (14012323)
588312.50 4126695.10 612.84066 (14012323)
588332.50 4126695.10 558.86959 (13010722)
588352.50 4126695.10 510.60276 (13010722)
588372.50 4126695.10 467.86416 (16110902)
588392.50 4126695.10 435.12542 (13112923)
588412.50 4126695.10 403.70031 (13112923)
587812.50 4126715.10 470.23358 (13010109)
587832.50 4126715.10 527.49447 (13010109)
587852.50 4126715.10 585.54850 (13010109)
587872.50 4126715.10 641.39206 (13010109)
587892.50 4126715.10 690.61760 (13010109)
587912.50 4126715.10 734.48830 (13010109)
587932.50 4126715.10 751.61522 (13010109)
587952.50 4126715.10 881.51405 (14012109)
587972.50 4126715.10 1009.65215 (14012109)
587992.50 4126715.10 1088.21868 (14012109)
588012.50 4126715.10 1072.24193 (14012109)
588032.50 4126715.10 1146.18504 (14110708)
588052.50 4126715.10 1256.41927 (14110808)
588072.50 4126715.10 1258.73379 (14010609)
588092.50 4126715.10 1452.91218 (14110908)
588112.50 4126715.10 1393.38563 (14110908)
588132.50 4126715.10 1180.75282 (15010809)
588152.50 4126715.10 1174.14694 (15010809)
588172.50 4126715.10 1089.64185 (13030208)
588192.50 4126715.10 1139.07045 (13030208)
588212.50 4126715.10 1072.00164 (13030208)
588232.50 4126715.10 925.92754 (13030208)
588252.50 4126715.10 827.23936 (13070306)
588272.50 4126715.10 756.41279 (13070306)
588292.50 4126715.10 661.03999 (13070306)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588312.50	4126715.10	562.62264	(13123002)	588332.50	4126715.10	525.48013	(14012323)
588352.50	4126715.10	485.19611	(14012323)	588372.50	4126715.10	447.46278	(13010722)
588392.50	4126715.10	412.29236	(13010722)	588412.50	4126715.10	384.51885	(16110902)
587812.50	4126735.10	485.05204	(13010109)	587832.50	4126735.10	528.30523	(13010109)
587852.50	4126735.10	567.20109	(13010109)	587872.50	4126735.10	597.12429	(13010109)
587892.50	4126735.10	612.83626	(13010109)	587912.50	4126735.10	643.53040	(13123109)
587932.50	4126735.10	752.70851	(14012109)	587952.50	4126735.10	853.72243	(14012109)
587972.50	4126735.10	909.71368	(14012109)	587992.50	4126735.10	903.89833	(14012109)
588012.50	4126735.10	938.32848	(14110708)	588032.50	4126735.10	1031.03272	(14110808)
588052.50	4126735.10	1104.48938	(14010609)	588072.50	4126735.10	1098.63704	(14110908)
588092.50	4126735.10	1278.27010	(14110908)	588112.50	4126735.10	1201.68827	(14110908)
588132.50	4126735.10	1023.69095	(15010809)	588152.50	4126735.10	1051.52185	(15010809)
588172.50	4126735.10	958.77191	(15010809)	588192.50	4126735.10	964.60392	(13030208)
588212.50	4126735.10	956.76737	(13030208)	588232.50	4126735.10	876.26829	(13030208)
588252.50	4126735.10	747.00111	(13030208)	588272.50	4126735.10	699.41704	(13070306)

588292.50 4126735.10 641.04525 (13070306)
588312.50 4126735.10 566.05468 (13070306)
588332.50 4126735.10 490.43402 (13070306)
588352.50 4126735.10 452.33905 (14012323)
588372.50 4126735.10 424.69177 (14012323)
588392.50 4126735.10 396.39703 (13010722)
588412.50 4126735.10 371.49891 (13010722)
587812.50 4126755.10 473.67778 (13010109)
587832.50 4126755.10 499.39222 (13010109)
587852.50 4126755.10 516.58196 (13010109)
587872.50 4126755.10 524.40372 (13010109)
587892.50 4126755.10 565.92844 (14012109)
587912.50 4126755.10 653.99107 (14012109)
587932.50 4126755.10 726.95498 (14012109)
587952.50 4126755.10 778.52973 (14012109)
587972.50 4126755.10 777.78011 (14012109)
587992.50 4126755.10 766.30043 (14110708)
588012.50 4126755.10 856.99256 (14110708)
588032.50 4126755.10 939.35123 (14110808)
588052.50 4126755.10 982.07100 (14010609)
588072.50 4126755.10 1035.89937 (14110908)
588092.50 4126755.10 1090.03491 (14110908)
588112.50 4126755.10 1047.49176 (14110908)
588132.50 4126755.10 892.14611 (15010809)
588152.50 4126755.10 934.25502 (15010809)
588172.50 4126755.10 884.64224 (15010809)
588192.50 4126755.10 815.97819 (13030208)
588212.50 4126755.10 843.44686 (13030208)
588232.50 4126755.10 809.23846 (13030208)
588252.50 4126755.10 723.98739 (13030208)
588272.50 4126755.10 624.79445 (13070306)
588292.50 4126755.10 596.80197 (13070306)
588312.50 4126755.10 550.18685 (13070306)
588332.50 4126755.10 494.84284 (13070306)
588352.50 4126755.10 434.92821 (14111403)
588372.50 4126755.10 403.47911 (16121208)
588392.50 4126755.10 378.46952 (14012323)
588412.50 4126755.10 355.40594 (14012323)
587812.50 4126775.10 441.29375 (13010109)
587832.50 4126775.10 449.55091 (13010109)
587852.50 4126775.10 463.45002 (13123109)
587872.50 4126775.10 507.86928 (14012109)
587892.50 4126775.10 573.85615 (14012109)
587912.50 4126775.10 632.89139 (14012109)
587932.50 4126775.10 669.60545 (14012109)
587952.50 4126775.10 676.84949 (14012109)
587972.50 4126775.10 647.90258 (17092807)
587992.50 4126775.10 726.67874 (14110708)
588012.50 4126775.10 781.95333 (14110808)
588032.50 4126775.10 842.41382 (14110808)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588052.50	4126775.10	870.27796	(14010609)	588072.50	4126775.10	944.69439	(14110908)
588092.50	4126775.10	939.72096	(14110908)	588112.50	4126775.10	920.66117	(14110908)
588132.50	4126775.10	794.18369	(13010309)	588152.50	4126775.10	837.57265	(15010809)
588172.50	4126775.10	808.03656	(15010809)	588192.50	4126775.10	703.01667	(15010809)
588212.50	4126775.10	734.77098	(13030208)	588232.50	4126775.10	734.14774	(13030208)
588252.50	4126775.10	683.50687	(13030208)	588272.50	4126775.10	606.24009	(13030208)
588292.50	4126775.10	541.80690	(13070306)	588312.50	4126775.10	519.51852	(13070306)
588332.50	4126775.10	483.48218	(13070306)	588352.50	4126775.10	435.46408	(13070306)
588372.50	4126775.10	387.57404	(13070306)	588392.50	4126775.10	360.44364	(16121208)
588412.50	4126775.10	337.18134	(16111203)	587812.50	4126795.10	394.24810	(13010109)
587832.50	4126795.10	418.82013	(13123109)	587852.50	4126795.10	461.61410	(14012109)
587872.50	4126795.10	514.38389	(14012109)	587892.50	4126795.10	556.54366	(14012109)
587912.50	4126795.10	586.10139	(14012109)	587932.50	4126795.10	591.70860	(14012109)
587952.50	4126795.10	564.71576	(14012109)	587972.50	4126795.10	617.80233	(14110708)
587992.50	4126795.10	663.61921	(14110708)	588012.50	4126795.10	726.65027	(14110808)

588032.50 4126795.10 751.98878 (14010609)
588052.50 4126795.10 769.53981 (14010609)
588072.50 4126795.10 858.60249 (14110908)
588092.50 4126795.10 880.67279 (14110908)
588112.50 4126795.10 800.39605 (14110908)
588132.50 4126795.10 713.37192 (13010309)
588152.50 4126795.10 751.62911 (15010809)
588172.50 4126795.10 741.48038 (15010809)
588192.50 4126795.10 659.94678 (15010809)
588212.50 4126795.10 635.56650 (13030208)
588232.50 4126795.10 655.43294 (13030208)
588252.50 4126795.10 636.75131 (13030208)
588272.50 4126795.10 587.59848 (13030208)
588292.50 4126795.10 516.34742 (13030208)
588312.50 4126795.10 477.79785 (13070306)
588332.50 4126795.10 457.85448 (13070306)
588352.50 4126795.10 427.17658 (13070306)
588372.50 4126795.10 389.02593 (13070306)
588392.50 4126795.10 349.16757 (14111403)
588412.50 4126795.10 323.67081 (16121208)
587812.50 4126815.10 381.74836 (13123109)
587832.50 4126815.10 417.05468 (14012109)
587852.50 4126815.10 463.77158 (14012109)
587872.50 4126815.10 498.33922 (14012109)
587892.50 4126815.10 519.75325 (14012109)
587912.50 4126815.10 524.37968 (14012109)
587932.50 4126815.10 507.25091 (14012109)
587952.50 4126815.10 530.50909 (14110708)
587972.50 4126815.10 584.27462 (14110708)
587992.50 4126815.10 618.50400 (14110808)
588012.50 4126815.10 664.72527 (14110808)
588032.50 4126815.10 686.16684 (14010609)
588052.50 4126815.10 697.59869 (14110908)
588072.50 4126815.10 779.18765 (14110908)
588092.50 4126815.10 790.36415 (14110908)
588112.50 4126815.10 695.80584 (14110908)
588132.50 4126815.10 646.96756 (13010309)
588152.50 4126815.10 675.84147 (15010809)
588172.50 4126815.10 677.99261 (15010809)
588192.50 4126815.10 621.84187 (15010809)
588212.50 4126815.10 549.51867 (13030208)
588232.50 4126815.10 583.20937 (13030208)
588252.50 4126815.10 584.42520 (13030208)
588272.50 4126815.10 555.66455 (13030208)
588292.50 4126815.10 503.41012 (13030208)
588312.50 4126815.10 439.75246 (13030208)
588332.50 4126815.10 424.16241 (13070306)
588352.50 4126815.10 408.03353 (13070306)
588372.50 4126815.10 378.60195 (13070306)
588392.50 4126815.10 350.55651 (13070306)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): AREA1 , AREA2 ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)
588412.50	4126815.10	314.36180	(13070306)	587812.50	4126835.10	379.89774	(14012109)
587832.50	4126835.10	419.04569	(14012109)	587852.50	4126835.10	448.13161	(14012109)
587872.50	4126835.10	466.53039	(14012109)	587892.50	4126835.10	469.87605	(14012109)
587912.50	4126835.10	453.83227	(14012109)	587932.50	4126835.10	458.41194	(14110708)
587952.50	4126835.10	509.09754	(14110708)	587972.50	4126835.10	535.52666	(14110708)
587992.50	4126835.10	583.14524	(14110808)	588012.50	4126835.10	601.95605	(14110808)
588032.50	4126835.10	625.09250	(14010609)	588052.50	4126835.10	651.39435	(14110908)
588072.50	4126835.10	712.20854	(14110908)	588092.50	4126835.10	711.65167	(14110908)
588112.50	4126835.10	635.35527	(14110908)	588132.50	4126835.10	590.68887	(13010309)
588152.50	4126835.10	609.47069	(15010809)	588172.50	4126835.10	620.82427	(15010809)
588192.50	4126835.10	583.23931	(15010809)	588212.50	4126835.10	505.94125	(15010809)
588232.50	4126835.10	514.37351	(13030208)	588252.50	4126835.10	530.65045	(13030208)
588272.50	4126835.10	519.91497	(13030208)	588292.50	4126835.10	486.97123	(13030208)
588312.50	4126835.10	439.45664	(13030208)	588332.50	4126835.10	386.41336	(13070306)
588352.50	4126835.10	380.28391	(13070306)	588372.50	4126835.10	364.13380	(13070306)

588392.50 4126835.10 343.11289 (13070306)
588412.50 4126835.10 318.32083 (13070306)
587812.50 4126855.10 382.16542 (14012109)
587832.50 4126855.10 407.44034 (14012109)
587852.50 4126855.10 422.84452 (14012109)
587872.50 4126855.10 427.50578 (14012109)
587892.50 4126855.10 416.62366 (14012109)
587912.50 4126855.10 409.52295 (17092807)
587932.50 4126855.10 451.13704 (14110708)
587952.50 4126855.10 484.55843 (14110708)
587972.50 4126855.10 514.45531 (14110808)
587992.50 4126855.10 544.52335 (14110808)
588012.50 4126855.10 551.54805 (14010609)
588032.50 4126855.10 566.08196 (14010609)
588052.50 4126855.10 609.51199 (14110908)
588072.50 4126855.10 653.10658 (14110908)
588092.50 4126855.10 643.61257 (14110908)
588112.50 4126855.10 585.18983 (14110908)
588132.50 4126855.10 533.27072 (13010309)
588152.50 4126855.10 551.16235 (15010809)
588172.50 4126855.10 571.77253 (15010809)
588192.50 4126855.10 545.07661 (15010809)
588212.50 4126855.10 485.88881 (15010809)
588232.50 4126855.10 451.61200 (13030208)
588252.50 4126855.10 476.87081 (13030208)
588272.50 4126855.10 476.98259 (13030208)
588292.50 4126855.10 458.68991 (13030208)
588312.50 4126855.10 425.34195 (13030208)
588332.50 4126855.10 381.99506 (13030208)
588352.50 4126855.10 349.47278 (13070306)
588372.50 4126855.10 343.01878 (13070306)
588392.50 4126855.10 329.86086 (13070306)
588412.50 4126855.10 312.16205 (13070306)

*** MODELOPTs: RegDFAULT CONC ELEV URBAN ADJ_U*

*** THE SUMMARY OF MAXIMUM PERIOD (43824 HRS) RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK
GROUP ID AVERAGE CONC RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID
- - - -

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          6TH HIGHEST VALUE IS      51.76120 AT (  588072.50,
4126675.10,    91.09,    91.70,    0.00)  DC
          7TH HIGHEST VALUE IS      49.53639 AT (  588032.50,
4126675.10,    91.57,    91.57,    0.00)  DC
          8TH HIGHEST VALUE IS      46.29318 AT (  588012.50,
4126655.10,    91.84,    91.84,    0.00)  DC
          9TH HIGHEST VALUE IS      46.09960 AT (  588032.50,
4126615.10,    92.60,    92.60,    0.00)  DC
         10TH HIGHEST VALUE IS      45.41810 AT (  588052.50,
4126595.10,    92.40,    92.40,    0.00)  DC

ALL       1ST HIGHEST VALUE IS     151.68512 AT (  588052.50,
4126635.10,    92.00,    92.00,    0.00)  DC
          2ND HIGHEST VALUE IS     140.98667 AT (  588052.50,
4126615.10,    92.32,    92.32,    0.00)  DC
          3RD HIGHEST VALUE IS     135.44470 AT (  588032.50,
4126635.10,    92.31,    92.31,    0.00)  DC
          4TH HIGHEST VALUE IS     129.58552 AT (  588032.50,
4126655.10,    91.87,    91.87,    0.00)  DC
          5TH HIGHEST VALUE IS     117.45415 AT (  588032.50,
4126615.10,    92.60,    92.60,    0.00)  DC
          6TH HIGHEST VALUE IS     116.27405 AT (  588012.50,
4126655.10,    91.84,    91.84,    0.00)  DC
          7TH HIGHEST VALUE IS     111.39037 AT (  588032.50,
4126675.10,    91.57,    91.57,    0.00)  DC
          8TH HIGHEST VALUE IS     110.33967 AT (  588012.50,
4126635.10,    92.85,    92.85,    0.00)  DC
          9TH HIGHEST VALUE IS     109.94383 AT (  588052.50,
4126675.10,    91.51,    91.51,    0.00)  DC
         10TH HIGHEST VALUE IS     106.46478 AT (  588012.50,
4126675.10,    91.74,    91.74,    0.00)  DC


 *** RECEPTOR TYPES:  GC = GRIDCART
                      GP = GRIDPOLR
                      DC = DISCCART
                      DP = DISCPOLR
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*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF PM_10 IN MICROGRAMS/M**3 **

NETWORK GROUP ID	AVERAGE CONC	DATE (YYMMDDHH)	RECEPTOR (XR, YR, ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID
AREA1 HIGH 1ST HIGH VALUE IS	2076.66502	ON 13010109:	AT (588052.50, 4126615.10, 92.32, 92.32, 0.00)	DC	
AREA2 HIGH 1ST HIGH VALUE IS	1237.33432	ON 14110908:	AT (588132.50, 4126675.10, 91.21, 91.21, 0.00)	DC	
ALL HIGH 1ST HIGH VALUE IS	3154.77756	ON 13010109:	AT (588052.50, 4126615.10, 92.32, 92.32, 0.00)	DC	

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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 *** MODELOPTs:    RegDFAULT  CONC  ELEV  URBAN  ADJ_U*

 *** Message Summary : AERMOD Model Execution ***

  --------- Summary of Total Messages --------

 A Total of            0 Fatal Error Message(s)
 A Total of            2 Warning Message(s)
 A Total of          930 Informational Message(s)

 A Total of        43824 Hours Were Processed

 A Total of          530 Calm Hours Identified

 A Total of          400 Missing Hours Identified (  0.91 Percent)


    ******** FATAL ERROR MESSAGES ********
                ***  NONE  ***


    ********   WARNING MESSAGES   ********
 ME W186      73       MEOPEN: THRESH_1MIN 1-min ASOS wind speed
threshold used           0.50
 ME W187      73       MEOPEN: ADJ_U* Option for Stable Low Winds used in
AERMET

    ************************************
    *** AERMOD Finishes Successfully ***
    ************************************
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