



Chino Distribution Center

AIR QUALITY IMPACT ANALYSIS

CITY OF CHINO

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LIST OF ABBREVIATED TERMS

%	Percent
°F	Degrees Fahrenheit
(1)	Reference
µg/m ³	Microgram per Cubic Meter
<i>1992 CO Plan</i>	<i>1992 Federal Attainment Plan for Carbon Monoxide</i>
<i>1993 CEQA Handbook</i>	<i>SCAQMD's CEQA Air Quality Handbook (1993)</i>
<i>2020-2045 RTP/SCS</i>	<i>2020-2045 Regional Transportation Plan/Sustainable Communities Strategy</i>
AB 2595	California Clean Air Act
APN	Assessor Parcel Number
AQIA	Air Quality Impact Analysis
AQMP	Air Quality Management Plan
BACT	Best Available Control Technology
BC	Black Carbon
C ₂ Cl ₄	Perchloroethylene
C ₄ H ₆	1,3-butadiene
C ₆ H ₆	Benzene
C ₂ H ₃ Cl	Vinyl Chloride
C ₂ H ₄ O	Acetaldehyde
CAA	Federal Clean Air Act
CAAQS	California Ambient Air Quality Standards
CalEEMod	California Emissions Estimator Model
CalEPA	California Environmental Protection Agency
CALGreen	California Green Building Standards Code
CAP	Climate Action Plan
CAPCOA	California Air Pollution Control Officers Association
CARB	California Air Resources Board
CCR	California Code of Regulations
CEC	California Energy Commission
CEQA	California Environmental Quality Act
<i>CEQA Guidelines</i>	<i>2019 CEQA Statute and Guidelines</i>
CH ₂ O	Formaldehyde
City	City of Chino
CO	Carbon Monoxide
COH	Coefficient of Haze
COHb	Carboxyhemoglobin

Cr(VI)	Chromium
CTP	Clean Truck Program
DPM	Diesel Particulate Matter
DRRP	Diesel Risk Reduction Plan
EC	Elemental Carbon
EIR	Environmental Impact Report
EMFAC	Emissions FAcTOr Model
EPA	Environmental Protection Agency
ETW	Equivalent Test Weight
EV	Electric Vehicle
GHG	Greenhouse Gas
GVWR	Gross Vehicle Weight Rating
H ₂ S	Hydrogen Sulfide
HDT	Heavy-Duty Trucks
HHDT	Heavy-Heavy-Duty Trucks
HI	Hazard Index
hp	Horsepower
HPLV	High-Pressure-Low-Volume
lbs	Pounds
lbs/day	Pounds Per Day
LDA	Light Duty Auto
LDT1/LDT2	Light-Duty Trucks
LHDT1/LHDT2	Light-Heavy-Duty Trucks
LST	Localized Significance Threshold
<i>LST Methodology</i>	<i>Final Localized Significance Threshold Methodology</i>
MATES	Multiple Air Toxics Exposure Study
MCY	Motorcycles
MDV	Medium-Duty Vehicles
MHDT	Medium-Heavy-Duty Trucks
MICR	Maximum Individual Cancer Risk
MM	Mitigation Measures
mph	Miles Per Hour
MWELO	California Department of Water Resources' Model Water Efficient
N ₂	Nitrogen
N ₂ O	Nitrous Oxide
NAAQS	National Ambient Air Quality Standards
NO	Nitric Oxide

NO ₂	Nitrogen Dioxide
NO _x	Nitrogen Oxides
O ₂	Oxygen
O ₃	Ozone
O ₂ Deficiency	Chronic Hypoxemia
OBD-II	On-Board Diagnostic
ODC	Ozone Depleting Compounds
Pb	Lead
PM	Particulate Matter
PM ₁₀	Particulate Matter 10 microns in diameter or less
PM _{2.5}	Particulate Matter 2.5 microns in diameter or less
POLA	Port of Los Angeles
POLB	Port of Long Beach
ppm	Parts Per Million
Project	Chino Distribution Center
RECLAIM	Regional Clean Air Incentives Market
RFG-2	Reformulated Gasoline Regulation
ROG	Reactive Organic Gases
SB	Senate Bill
SCAB	South Coast Air Basin
SCAG	Southern California Association of Governments
SCAQMD	South Coast Air Quality Management District
sf	Square Feet
SIPs	State Implementation Plans
SO ₂	Sulfur Dioxide
SO ₄	Sulfates
SO _x	Sulfur Oxides
SOI	Sphere of Influence
SRA	Source Receptor Area
TAC	Toxic Air Contaminant
Title 24	California Building Code
TITLE I	Non-Attainment Provisions
TITLE II	Mobile Sources Provisions
TRU	Transportation Refrigeration Unit
UFP	Ultrafine Particles
URBEMIS	URBan EMISsions
VMT	Vehicle Miles Traveled
VOC	Volatile Organic Compounds

vph

Vehicles Per Hour

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EXECUTIVE SUMMARY

ES.1 SUMMARY OF FINDINGS

The results of this *Chino Distribution Center Air Quality Impact Analysis* (AQIA) are summarized below based on the significance criteria in Section 3 of this report consistent with Appendix G of the *CEQA Guidelines* (CEQA Guidelines) (1). Table ES-1 shows the findings of significance for each potential air quality impact under CEQA before and after any required mitigation measures (MM) described below.

TABLE ES-1: SUMMARY OF CEQA SIGNIFICANCE FINDINGS

Analysis	Report Section	Significance Findings	
		Unmitigated	Mitigated
Regional Construction Emissions	4.4	<i>Less Than Significant</i>	<i>n/a</i>
Localized Construction Emissions	4.7	<i>Less Than Significant</i>	<i>n/a</i>
Regional Operational Emissions	4.5	<i>Less Than Significant</i>	<i>n/a</i>
Localized Operational Emissions	4.7	<i>Less Than Significant</i>	<i>n/a</i>
CO “Hot Spot” Analysis	4.9	<i>Less Than Significant</i>	<i>n/a</i>
Air Quality Management Plan	4.10	<i>Less Than Significant</i>	<i>n/a</i>
Sensitive Receptors	4.11	<i>Less Than Significant</i>	<i>n/a</i>
Odors	4.12	<i>Less Than Significant</i>	<i>n/a</i>
Cumulative Impacts	4.13	<i>Less Than Significant</i>	<i>n/a</i>

ES.2 REGULATORY REQUIREMENTS

There are numerous requirements that development projects must comply with by law, and that were put in place by federal, State, and local regulatory agencies for the improvement of air quality.

Any operation or activity that might cause the emission of any smoke, fly ash, dust, fumes, vapors, gases, or other forms of air pollution, which can cause damage to human health, vegetation, or

other forms of property, or can cause excessive soiling on any other parcel shall conform to the requirements of the SCAQMD.

SCAQMD RULES

SCAQMD Rules that are currently applicable during construction activity for this Project are described below.

SCAQMD RULE 402

A person shall not discharge from any source whatsoever such 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 such persons or the public, or that cause, or have a natural tendency to cause, injury or damage to business or property. The provisions of this rule do not apply to odors emanating from agricultural operations necessary for the growing of crops or the raising of fowl or animals.

Odor Emissions. All uses shall be operated in a manner such that no offensive odor is perceptible at or beyond the property line of that use.

SCAQMD RULE 403

This rule is intended to reduce the amount of particulate matter entrained in the ambient air as a result of anthropogenic (human-made) fugitive dust sources by requiring actions to prevent and reduce fugitive dust emissions. Rule 403 applies to any activity or human-made condition capable of generating fugitive dust and requires best available control measures to be applied to earth moving and grading activities.

Dust Control, Operations. Any operation or activity that might cause the emission of any smoke, fly ash, dust, fumes, vapors, gases, or other forms of air pollution, which can cause damage to human health, vegetation, or other forms of property, or can cause excessive soiling on any other parcel, shall conform to the requirements of the SCAQMD.

SCAQMD RULE 1113

This rule serves to limit the VOC content of architectural coatings used on projects in the SCAQMD. Any person who supplies, sells, offers for sale, or manufactures any architectural coating for use on projects.

SCAQMD RULE 1301

This rule is intended to provide that pre-construction review requirements to ensure that new or relocated facilities do not interfere with progress in attainment of the National Ambient Air Quality Standards (NAAQS), while future economic growth within the SCAQMD is not unnecessarily restricted. The specific air quality goal is to achieve no net increases from new or modified permitted sources of nonattainment air contaminants or their precursors. Rule 1301 also limits emission increases of ammonia, and Ozone Depleting Compounds (ODCs) from new, modified or relocated facilities by requiring the use of Best Available Control Technology (BACT).

SCAQMD RULE 1401

A person shall not discharge into the atmosphere from any single source of emission whatsoever any air contaminant for a period or periods aggregating more than three minutes in any 1 hour that is as dark or darker in shade as that designated No. 1 on the Ringelmann Chart, as published by the United States (U.S.) Bureau of Mines.

SCAQMD RULE 2305

The SCAQMD adopted Rule 2305, the Warehouse Indirect Source Rule, on May 7, 2021. Owners and operators associated with warehouses 100,000 square feet (sf) or larger are required to directly reduce nitrogen oxides (NO_x) and particulate matter emissions, or to otherwise facilitate emission and exposure reductions of these pollutants in nearby communities. The rule imposes a “Warehouse Points Compliance Obligation” (WPCO) on warehouse operators. Operators satisfy the WPCO by accumulating “Warehouse Actions and Investments to Reduce Emissions Points” (WAIRE Points) in a given 12-month period. WAIRE Points are awarded by implementing measures to reduce emissions listed on the WAIRE Menu, or by implementing a custom WAIRE Plan approved by the SCAQMD.

Although the Project would comply with Rule 2305, it should be noted that there is no way to quantify these reductions in the California Emissions Estimator Model (CalEEMod). The two most pertinent regulatory requirements that could be modeled, are Rule 403 (Fugitive Dust) (2) and Rule 1113 (Architectural Coatings) (3). Credit for Rule 403 and Rule 1113 have been taken in the analysis.

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1 INTRODUCTION

This report presents the results of the AQIA prepared by Urban Crossroads, Inc., for the proposed Chino Distribution Center (Project). The purpose of this AQIA is to evaluate the potential impacts to air quality associated with construction and operation of the Project and recommend measures to mitigate impacts considered potentially significant in comparison to thresholds established by the SCAQMD.

1.1 SITE LOCATION

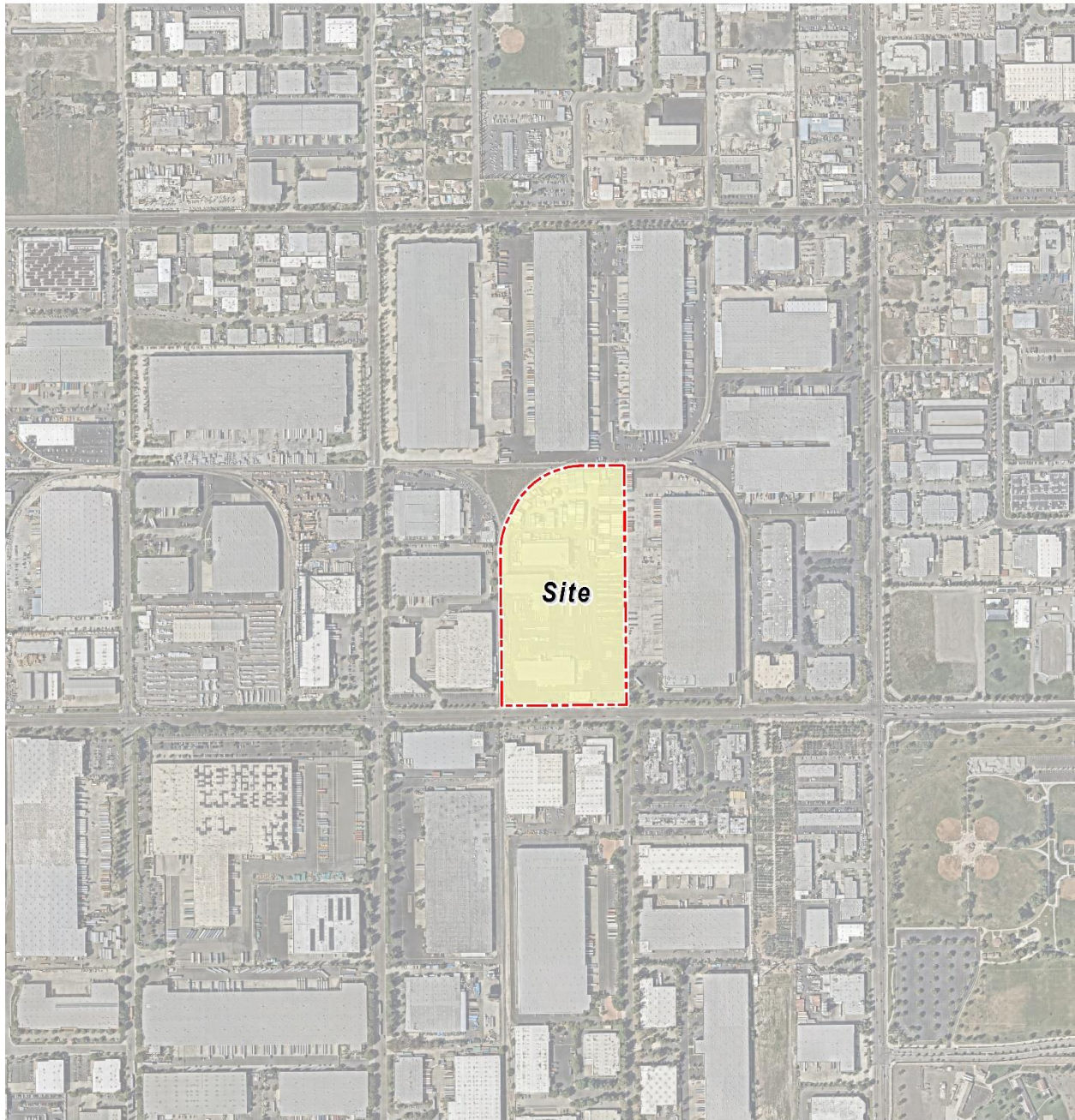
The proposed Project is located at 5088 Edison Avenue in the City of Chino, as shown on Exhibit 1-A. The Project site is surrounded by industrial and commercial uses on all sides, with residential neighborhoods primarily situated further north of the site.

1.2 PROJECT DESCRIPTION

A preliminary site plan for the proposed Project is shown on Exhibit 1-B. Development of the Project is to include the construction of a 390,778 square foot warehouse. It should be noted that the square footage of the original Project has been updated. For purposes of analysis, the Project will evaluate 98,558 square feet of high-cube cold storage warehouse use and 295,672 square feet of warehousing use (25% and 75% of the overall square footage, respectively, for a total of 394,230 square feet). The site is currently occupied by an operational manufacturing facility.

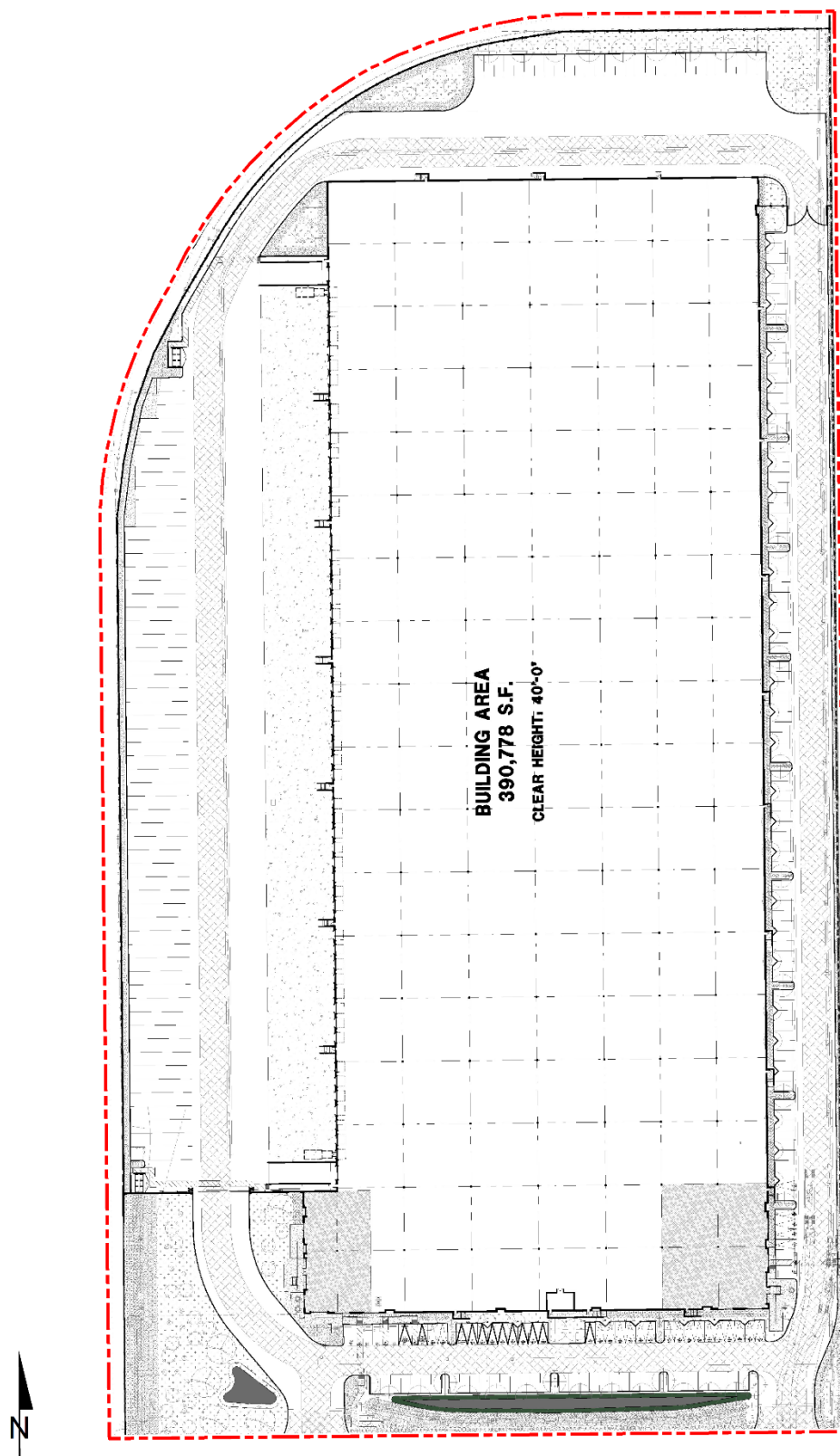
It is anticipated that the Project would be developed in a single phase with an anticipated Opening Year of 2027. In addition, this analysis describes Project-related emissions associated with typical operational activities at the Project site. The typical Project-related operational sources are expected to include architectural coatings, consumer products, landscape maintenance equipment, emissions associated with natural gas and electricity, stationary equipment, cargo handling equipment, transportation refrigeration units (TRU), and mobile source emissions. This report assumes the Project-related operational emission source activity will function 24-hours daily for seven days per week. It is expected that the Project construction emission sources would include operations of tractors, excavators, graders, dozers, scrapers, forklifts, generator sets, welders, paving equipment, and air compressors.

EXHIBIT 1-A: LOCATION MAP



LEGEND:

EXHIBIT 1-B: PRELIMINARY SITE PLAN



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2 AIR QUALITY SETTING

This section provides an overview of the existing air quality conditions in the Project area and region.

2.1 SOUTH COAST AIR BASIN

The Project site is located in the South Coast Air Basin (SCAB) within the jurisdiction of SCAQMD (4). The SCAQMD was created by the 1977 Lewis-Presley Air Quality Management Act, which merged four county air pollution control bodies into one regional district. Under the Act, the SCAQMD is responsible for bringing air quality in areas under its jurisdiction into conformity with federal and state air quality standards. As previously stated, the Project site is located within the SCAB, a 6,745-square mile subregion of the SCAQMD, which includes the non-desert portions of Los Angeles, Riverside, and San Bernardino Counties, and all of Orange County.

The SCAB is bounded by the Pacific Ocean to the west and the San Gabriel, San Bernardino, and San Jacinto Mountains to the north and east, and the San Diego Air Basin to the south.

2.2 REGIONAL CLIMATE

The regional climate has a substantial influence on air quality in the SCAB. In addition, the temperature, wind, humidity, precipitation, and amount of sunshine influence the air quality.

The annual average temperatures throughout the SCAB vary from the low to middle 60s degrees Fahrenheit (°F). Due to a decreased marine influence, the eastern portion of the SCAB shows greater variability in average annual minimum and maximum temperatures. January is the coldest month throughout the SCAB, with average minimum temperatures of 47°F in downtown Los Angeles and 36°F in San Bernardino. All portions of the SCAB have recorded maximum temperatures above 100°F.

Although the climate of the SCAB can be characterized as semi-arid, the air near the land surface is quite moist on most days because of the presence of a marine layer. This shallow layer of sea air is an important modifier of SCAB climate. Humidity restricts visibility in the SCAB, and the conversion of sulfur dioxide (SO₂) to sulfates (SO₄) is heightened in air with high relative humidity. The marine layer provides an environment for that conversion process, especially during the spring and summer months. The annual average relative humidity within the SCAB is 71% along the coast and 59% inland. Since the ocean effect is dominant, periods of heavy early morning fog are frequent and low stratus clouds are a characteristic feature. These effects decrease with distance from the coast.

More than 90% of the SCAB's rainfall occurs from November through April. The annual average rainfall varies from approximately nine inches in Riverside to fourteen inches in downtown Los Angeles. Monthly and yearly rainfall totals are extremely variable. Summer rainfall usually consists of widely scattered thunderstorms near the coast and slightly heavier shower activity in the eastern portion of the SCAB with frequency being higher near the coast.

Due to its generally clear weather, about three-quarters of available sunshine is received in the SCAB. The remaining one-quarter is absorbed by clouds. The ultraviolet portion of this abundant radiation is a key factor in photochemical reactions. On the shortest day of the year, there are approximately 10 hours of possible sunshine, and on the longest day of the year, there are approximately 14½ hours of possible sunshine.

The importance of wind to air pollution is considerable. The direction and speed of the wind determines the horizontal dispersion and transport of the air pollutants. During the late autumn to early spring rainy season, the SCAB is subjected to wind flows associated with the traveling storms moving through the region from the northwest. This period also brings five to ten periods of strong, dry offshore winds, locally termed “Santa Anas” each year. During the dry season, which coincides with the months of maximum photochemical smog concentrations, the wind flow is bimodal, typified by a daytime onshore sea breeze and a nighttime offshore drainage wind. Summer wind flows are created by the pressure differences between the relatively cold ocean and the unevenly heated and cooled land surfaces that modify the general northwesterly wind circulation over southern California. Nighttime drainage begins with the radiational cooling of the mountain slopes. Heavy, cool air descends the slopes and flows through the mountain passes and canyons as it follows the lowering terrain toward the ocean. Another characteristic wind regime in the SCAB is the “Catalina Eddy,” a low level cyclonic (counterclockwise) flow centered over Santa Catalina Island which results in an offshore flow to the southwest. On most spring and summer days, some indication of an eddy is apparent in coastal sections.

In the SCAB, there are two distinct temperature inversion structures that control vertical mixing of air pollution. During the summer, warm high-pressure descending (subsiding) air is undercut by a shallow layer of cool marine air. The boundary between these two layers of air is a persistent marine subsidence/inversion. This boundary prevents vertical mixing which effectively acts as an impervious lid to pollutants over the entire SCAB. The mixing height for the inversion structure is normally situated 1,000 to 1,500 feet above mean sea level.

A second inversion-type forms in conjunction with the drainage of cool air off the surrounding mountains at night followed by the seaward drift of this pool of cool air. The top of this layer forms a sharp boundary with the warmer air aloft and creates nocturnal radiation inversions. These inversions occur primarily in the winter, when nights are longer and onshore flow is weakest. They are typically only a few hundred feet above mean sea level. These inversions effectively trap pollutants, such as nitrogen oxides (NO_x) and carbon monoxide (CO) from vehicles, as the pool of cool air drifts seaward. Winter is therefore a period of high levels of primary pollutants along the coastline.

2.3 WIND PATTERNS AND PROJECT LOCATION

The distinctive climate of the Project area and the SCAB is determined by its terrain and geographical location. The SCAB is located in a coastal plain with connecting broad valleys and low hills, bounded by the Pacific Ocean in the southwest quadrant with high mountains forming the remainder of the perimeter.

Wind patterns across the south coastal region are characterized by westerly and southwesterly onshore winds during the day and easterly or northeasterly breezes at night. Winds are characteristically light although the speed is somewhat greater during the dry summer months than during the rainy winter season.

2.4 CRITERIA POLLUTANTS

Criteria pollutants are pollutants that are regulated through the development of human health based and/or environmentally based criteria for setting permissible levels. Criteria pollutants, their typical sources, and health effects are identified below (5):

TABLE 2-1: CRITERIA POLLUTANTS

Criteria Pollutant	Description	Sources	Health Effects
CO	CO is a colorless, odorless gas produced by the incomplete combustion of carbon-containing fuels, such as gasoline or wood. CO concentrations tend to be the highest during the winter morning, when little to no wind and surface-based inversions trap the pollutant at ground levels. Because CO is emitted directly from internal combustion engines, unlike ozone (O ₃), motor vehicles operating at slow speeds are the primary source of CO in the SCAB. The highest ambient CO concentrations are generally found near congested transportation corridors and intersections.	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming equipment and residential heating.	Individuals with a deficient blood supply to the heart are the most susceptible to the adverse effects of CO exposure. The effects observed include earlier onset of chest pain with exercise, and electrocardiograph changes indicative of decreased oxygen (O ₂) supply to the heart. Inhaled CO has no direct toxic effect on the lungs but exerts its effect on tissues by interfering with O ₂ transport and competing with O ₂ to combine with hemoglobin present in the blood to form carboxyhemoglobin (COHb). Hence, conditions with an increased demand for O ₂ supply can be adversely affected by exposure to CO. Individuals most at risk include fetuses, patients with diseases involving heart and blood vessels, and patients with chronic hypoxemia (O ₂ deficiency) as seen at high altitudes.
SO ₂	SO ₂ is a colorless, extremely irritating gas or liquid. It enters the atmosphere as a pollutant	Coal or oil burning power plants and industries,	A few minutes of exposure to low levels of SO ₂ can result in airway constriction in some

Criteria Pollutant	Description	Sources	Health Effects
	mainly as a result of burning high sulfur-content fuel oils and coal and from chemical processes occurring at chemical plants and refineries. When SO ₂ oxidizes in the atmosphere, it forms SO ₄ . Collectively, these pollutants are referred to as sulfur oxides (SO _x).	refineries, diesel engines	asthmatics, all of whom are sensitive to its effects. In asthmatics, increase in resistance to air flow, as well as reduction in breathing capacity leading to severe breathing difficulties, are observed after acute exposure to SO₂. In contrast, healthy individuals do not exhibit similar acute responses even after exposure to higher concentrations of SO₂. Animal studies suggest that despite SO₂ being a respiratory irritant, it does not cause substantial lung injury at ambient concentrations. However, very high levels of exposure can cause lung edema (fluid accumulation), lung tissue damage, and sloughing off of cells lining the respiratory tract. Some population-based studies indicate that the mortality and morbidity effects associated with fine particles show a similar association with ambient SO₂ levels. In these studies, efforts to separate the effects of SO₂ from those of fine particles have not been successful. It is not clear whether the two pollutants act synergistically, or one pollutant alone is the predominant factor.
NO _x	NO _x consist of nitric oxide (NO), nitrogen dioxide (NO ₂) and nitrous oxide (N ₂ O) and are formed when nitrogen (N ₂) combines with O ₂ . Their lifespan in the atmosphere ranges from	Any source that burns fuel such as automobiles, trucks, heavy construction equipment, farming	Population-based studies suggest that an increase in acute respiratory illness, including infections and respiratory symptoms in children (not infants), is

Criteria Pollutant	Description	Sources	Health Effects
	one to seven days for nitric oxide and nitrogen dioxide, to 170 years for nitrous oxide. NO_x is typically created during combustion processes and are major contributors to smog formation and acid deposition. NO₂ is a criteria air pollutant and may result in numerous adverse health effects; it absorbs blue light, resulting in a brownish-red cast to the atmosphere and reduced visibility. Of the seven types of nitrogen oxide compounds, NO₂ is the most abundant in the atmosphere. As ambient concentrations of NO₂ are related to traffic density, commuters in heavy traffic may be exposed to higher concentrations of NO₂ than those indicated by regional monitoring station.	equipment and residential heating.	associated with long-term exposure to NO₂ at levels found in homes with gas stoves, which are higher than ambient levels found in Southern California. Increase in resistance to air flow and airway contraction is observed after short-term exposure to NO₂ in healthy subjects. Larger decreases in lung functions are observed in individuals with asthma or chronic obstructive pulmonary disease (e.g., chronic bronchitis, emphysema) than in healthy individuals, indicating a greater susceptibility of these sub-groups. In animals, exposure to levels of NO₂ considerably higher than ambient concentrations result in increased susceptibility to infections, possibly due to the observed changes in cells involved in maintaining immune functions. The severity of lung tissue damage associated with high levels of O₃ exposure increases when animals are exposed to a combination of O₃ and NO₂.
O ₃	O₃ is a highly reactive and unstable gas that is formed when VOCs and NO_x, both byproducts of internal combustion engine exhaust, undergo slow photochemical reactions in the presence of sunlight. O₃ concentrations are generally highest during the summer months when direct sunlight, light wind, and warm temperature conditions are favorable to the formation of this pollutant.	Formed when reactive organic gases (ROG) and NO_x react in the presence of sunlight. ROG sources include any source that burns fuels, (e.g., gasoline, natural gas, wood, oil) solvents, petroleum processing and	Individuals exercising outdoors, children, and people with preexisting lung disease, such as asthma and chronic pulmonary lung disease, are considered to be the most susceptible sub-groups for O₃ effects. Short-term exposure (lasting for a few hours) to O₃ at levels typically observed in Southern California can result in breathing pattern changes, reduction of breathing capacity, increased

Criteria Pollutant	Description	Sources	Health Effects
		storage and pesticides.	susceptibility to infections, inflammation of the lung tissue, and some immunological changes. Elevated O₃ levels are associated with increased school absences. In recent years, a correlation between elevated ambient O₃ levels and increases in daily hospital admission rates, as well as mortality, has also been reported. An increased risk for asthma has been found in children who participate in multiple outdoor sports and live in communities with high O₃ levels. O₃ exposure under exercising conditions is known to increase the severity of the responses described above. Animal studies suggest that exposure to a combination of pollutants that includes O₃ may be more toxic than exposure to O₃ alone. Although lung volume and resistance changes observed after a single exposure diminish with repeated exposures, biochemical and cellular changes appear to persist, which can lead to subsequent lung structural changes.
Particulate Matter	PM ₁₀ : A major air pollutant consisting of tiny solid or liquid particles of soot, dust, smoke, fumes, and aerosols. Particulate matter pollution is a major cause of reduce visibility (haze) which is caused by the scattering of light and consequently the significant reduction air clarity. The size of the particles (10 microns or smaller, about 0.0004 inches or less) allows them to easily enter the lungs where they may be	Sources of PM₁₀ include road dust, windblown dust and construction. Also formed from other pollutants (acid rain, NO_x, SO_x, organics). Incomplete combustion of any fuel. PM_{2.5} comes from	A consistent correlation between elevated ambient fine particulate matter (PM ₁₀ and PM _{2.5}) levels and an increase in mortality rates, respiratory infections, number and severity of asthma attacks and the number of hospital admissions has been observed in different parts of the United States and various areas around the world. In

Criteria Pollutant	Description	Sources	Health Effects
	deposited, resulting in adverse health effects. Additionally, it should be noted that PM₁₀ is considered a criteria air pollutant. PM_{2.5}: A similar air pollutant to PM₁₀ consisting of tiny solid or liquid particles which are 2.5 microns or smaller (which is often referred to as fine particles). These particles are formed in the atmosphere from primary gaseous emissions that include SO₄ formed from SO₂ release from power plants and industrial facilities and nitrates that are formed from NO_x release from power plants, automobiles, and other types of combustion sources. The chemical composition of fine particles highly depends on location, time of year, and weather conditions. PM_{2.5} is a criteria air pollutant.	fuel combustion in motor vehicles, equipment, and industrial sources, residential and agricultural burning. Also formed from reaction of other pollutants (acid rain, NO_x, SO_x, organics).	recent years, some studies have reported an association between long-term exposure to air pollution dominated by fine particles and increased mortality, reduction in lifespan, and an increased mortality from lung cancer. Daily fluctuations in PM_{2.5} concentration levels have also been related to hospital admissions for acute respiratory conditions in children, to school and kindergarten absences, to a decrease in respiratory lung volumes in normal children, and to increased medication use in children and adults with asthma. Recent studies show lung function growth in children is reduced with long term exposure to particulate matter. The elderly, people with pre-existing respiratory or cardiovascular disease, and children appear to be more susceptible to the effects of high levels of PM₁₀ and PM_{2.5}.
VOC	VOCs are hydrocarbon compounds (any compound containing various combinations of hydrogen and carbon atoms) that exist in the ambient air. VOCs contribute to the formation of smog through atmospheric photochemical reactions and/or may be toxic. Compounds of carbon (also known as organic compounds) have different levels of reactivity; that is, they do not react at the same speed or do not form O₃ to the same extent when exposed to photochemical processes. VOCs often have an odor, and some examples include gasoline, alcohol, and the	Organic chemicals are widely used as ingredients in household products. Paints, varnishes, and wax all contain organic solvents, as do many cleaning, disinfecting, cosmetic, degreasing and hobby products. Fuels are made up of organic chemicals. All of these products can release organic	Breathing VOCs can irritate the eyes, nose, and throat, can cause difficulty breathing and nausea, and can damage the central nervous system as well as other organs. Some VOCs can cause cancer. Not all VOCs have all these health effects, though many have several.

Criteria Pollutant	Description	Sources	Health Effects
	solvents used in paints. Exceptions to the VOC designation include CO, carbon dioxide, carbonic acid, metallic carbides or carbonates, and ammonium carbonate. VOCs are a criteria pollutant since they are a precursor to O ₃ , which is a criteria pollutant. The terms VOC and ROG (see below) interchangeably.	compounds while you are using them, and, to some degree, when they are stored.	
ROG	Similar to VOC, ROG are also precursors in forming O ₃ and consist of compounds containing methane, ethane, propane, butane, and longer chain hydrocarbons, which are typically the result of some type of combustion/decomposition process. Smog is formed when ROG and NO _x react in the presence of sunlight. ROG are a criteria pollutant since they are a precursor to O ₃ , which is a criteria pollutant. The terms ROG and VOC (see previous) interchangeably.	Sources similar to VOCs.	Health effects similar to VOCs.
Lead (Pb)	Pb is a heavy metal that is highly persistent in the environment and is considered a criteria pollutant. In the past, the primary source of Pb in the air was emissions from vehicles burning leaded gasoline. The major sources of Pb emissions are ore and metals processing, particularly Pb smelters, and piston-engine aircraft operating on leaded aviation gasoline. Other stationary sources include waste incinerators, utilities, and lead-acid battery manufacturers. It should be noted that the Project does not include operational activities such as metal processing or Pb acid battery manufacturing. As such, the Project is not anticipated to	Metal smelters, resource recovery, leaded gasoline, deterioration of Pb paint.	Fetuses, infants, and children are more sensitive than others to the adverse effects of Pb exposure. Exposure to low levels of Pb can adversely affect the development and function of the central nervous system, leading to learning disorders, distractibility, inability to follow simple commands, and lower intelligence quotient. In adults, increased Pb levels are associated with increased blood pressure. Pb poisoning can cause anemia, lethargy, seizures, and death; although it appears that there are no direct effects of Pb on the respiratory system. Pb can be

Criteria Pollutant	Description	Sources	Health Effects
	generate a quantifiable amount of Pb emissions.		stored in the bone from early age environmental exposure, and elevated blood Pb levels can occur due to breakdown of bone tissue during pregnancy, hyperthyroidism (increased secretion of hormones from the thyroid gland) and osteoporosis (breakdown of bony tissue). Fetuses and breast-fed babies can be exposed to higher levels of Pb because of previous environmental Pb exposure of their mothers.
Odor	Odor means the perception experienced by a person when one or more chemical substances in the air come into contact with the human olfactory nerves (6).	Odors can come from many sources including animals, human activities, industry, natures, and vehicles.	Offensive odors can potentially affect human health in several ways. First, odorant compounds can irritate the eye, nose, and throat, which can reduce respiratory volume. Second, studies have shown that the VOCs that cause odors can stimulate sensory nerves to cause neurochemical changes that might influence health, for instance, by compromising the immune system. Finally, unpleasant odors can trigger memories or attitudes linked to unpleasant odors, causing cognitive and emotional effects such as stress.

2.5 EXISTING AIR QUALITY

Existing air quality is measured at established SCAQMD air quality monitoring stations. Monitored air quality is evaluated in the context of ambient air quality standards. These standards are the levels of air quality that are considered safe, with an adequate margin of safety, to protect the public health and welfare. NAAQS and California Ambient Air Quality Standards (CAAQS) currently in effect are shown in Table 2-2 (7).

The determination of whether a region's air quality is healthful or unhealthful is determined by comparing contaminant levels in ambient air samples to the State and federal standards. At the time of this AQIA, the most recent State and federal standards were updated by CARB on May 4, 2016, as presented in Table 2-2. The air quality in a region is considered to be in attainment by the State if the measured ambient air pollutant levels for O₃, CO (except 8-hour Lake Tahoe), SO₂ (1 and 24 hour), NO₂, PM₁₀, and PM_{2.5} do not exceed standards. All others are not to be equaled or exceeded. It should be noted that the three-year period is presented for informational purposes and is not the basis for how the State assigns attainment status. Attainment status for a pollutant means that the SCAQMD meets the standards set by the EPA or the California EPA (CalEPA). Conversely, nonattainment means that an area has monitored air quality that does not meet the NAAQS or CAAQS standards. In order to improve air quality in nonattainment areas, CARB has implemented a State Implementation Plan (SIP). The SIP outlines the measures that the State will take to improve air quality. Once nonattainment areas meet the standards and additional redesignation requirements, the EPA will designate the area as a maintenance area (8).

TABLE 2-2: AMBIENT AIR QUALITY STANDARDS (1 OF 2)

Ambient Air Quality Standards						
Pollutant	Averaging Time	California Standards ¹		National Standards ²		
		Concentration ³	Method ⁴	Primary ^{3,5}	Secondary ^{3,6}	Method ⁷
Ozone (O ₃) ⁸	1 Hour	0.09 ppm (180 µg/m ³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m ³)		0.070 ppm (137 µg/m ³)		
Respirable Particulate Matter (PM10) ⁹	24 Hour	50 µg/m ³	Gravimetric or Beta Attenuation	150 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m ³		—		
Fine Particulate Matter (PM2.5) ⁹	24 Hour	—	—	35 µg/m ³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m ³	Gravimetric or Beta Attenuation	9 µg/m ³	15 µg/m ³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m ³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m ³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m ³)		9 ppm (10 mg/m ³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m ³)		—	—	
Nitrogen Dioxide (NO ₂) ¹⁰	1 Hour	0.18 ppm (339 µg/m ³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m ³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m ³)		0.053 ppm (100 µg/m ³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ¹¹	1 Hour	0.25 ppm (655 µg/m ³)	Ultraviolet Fluorescence	75 ppb (196 µg/m ³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m ³)	
	24 Hour	0.04 ppm (105 µg/m ³)		0.14 ppm (for certain areas) ¹¹	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas) ¹¹	—	
Lead ^{12,13}	30 Day Average	1.5 µg/m ³	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m ³ (for certain areas) ¹²	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m ³		
Visibility Reducing Particles ¹⁴	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m ³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m ³)	Ultraviolet Fluorescence			
Vinyl Chloride ¹²	24 Hour	0.01 ppm (26 µg/m ³)	Gas Chromatography			

See footnotes on next page ...

See footnotes on next page ...

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TABLE 2-2: AMBIENT AIR QUALITY

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1 and 24 hour), nitrogen dioxide, and particulate matter (PM10, PM2.5, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM10, the 24 hour standard is attained when the expected number of days per calendar year with a 24-hour average concentration above $150 \mu\text{g}/\text{m}^3$ is equal to or less than one. For PM2.5, the 24 hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon 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.
4. Any equivalent measurement method which can be shown to the satisfaction of the ARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On December 14, 2012, the national annual PM2.5 primary standard was lowered from $15 \mu\text{g}/\text{m}^3$ to $12.0 \mu\text{g}/\text{m}^3$. The existing national 24-hour PM2.5 standards (primary and secondary) were retained at $35 \mu\text{g}/\text{m}^3$, as was the annual secondary standard of $15 \mu\text{g}/\text{m}^3$. The existing 24-hour PM10 standards (primary and secondary) of $150 \mu\text{g}/\text{m}^3$ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (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.
11. 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 1-hour national 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 one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.
Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The ARB has identified lead and vinyl chloride as 'toxic air contaminants' 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.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard ($1.5 \mu\text{g}/\text{m}^3$ as a quarterly average) remains in effect until one 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.
14. In 1989, the ARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

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2.6 REGIONAL AIR QUALITY

Air pollution contributes to a wide variety of adverse health effects. The EPA has established NAAQS for six of the most common air pollutants: CO, Pb, O₃, particulate matter (PM₁₀ and PM_{2.5}), NO₂, and SO₂ which are known as criteria pollutants. The SCAQMD monitors levels of various criteria pollutants at 35 permanent monitoring stations and 2 single-pollutant source Pb air monitoring sites throughout the air district (9). On January 25, 2024, CARB adopted the proposed 2023 amendments to the state and national area designations See Table 2-3 for attainment designations for the SCAB (10). Appendix 2.1 provides geographic representation of the state and federal attainment status for applicable criteria pollutants within the SCAB.

TABLE 2-3: ATTAINMENT STATUS OF CRITERIA POLLUTANTS IN THE SCAB

Criteria Pollutant	State Designation	Federal Designation
O ₃ – 1-hour standard	Nonattainment	--
O ₃ – 8-hour standard	Nonattainment	Nonattainment
PM ₁₀	Nonattainment	Attainment
PM _{2.5}	Nonattainment	Nonattainment
CO	Attainment	Unclassifiable/Attainment
NO ₂	Attainment	Unclassifiable/Attainment
SO ₂	Attainment	Unclassifiable/Attainment
Pb ¹	Attainment	Unclassifiable/Attainment

Note: See Appendix 2.1 for a detailed map of State/National Area Designations within the SCAB

"--" = The national 1-hour O₃ standard was revoked effective June 15, 2005.

2.7 LOCAL AIR QUALITY

The SCAQMD has designated general forecast areas and air monitoring areas (referred to as Source Receptor Areas [SRA]) throughout the district in order to provide Southern California residents about the air quality conditions. The Project site is located within SRA 33. Within SRA 33, the CA-60 Near Road and I-10 Near Road monitoring stations, located approximately 5.1 miles and 10.8 miles northeast, respectively of the Project site, reports air quality statistics for CO, NO₂, and PM_{2.5}. It should be noted that these monitoring stations do not provide data for O₃ or PM₁₀. As such, the next nearest monitoring stations will be utilized. Data for O₃ was obtained from the Pomona/Walnut Valley monitoring station, located in SRA 10, approximately 5.6 miles northwest of the Project site. Data for PM₁₀ was obtained from the Corona/Norco Area monitoring station, located in SRA 22 approximately 8.9 miles southeast, for 2020 has been reported in Table 2-4. PM₁₀ air quality conditions were not reported in SRA 22 for the 2021 and 2022 years. As such, data from the Metropolitan Riverside County 1 monitoring station, located in SRA 23 approximately 15.8 miles northeast from the Project site, has been used. It should be noted that data from Pomona/Walnut Valley, Corona/Norco Area, and Metropolitan Riverside County 1

¹ The Federal nonattainment designation for lead is only applicable towards the Los Angeles County portion of the SCAB.

monitoring stations were utilized in lieu of the CA-60 Near Road and I-10 Near Road monitoring stations only in instances where data was not available.

The most recent three (3) years of data available is shown on Table 2-4 and identifies the number of days ambient air quality standards were exceeded for the study area, which is considered to be representative of the local air quality at the Project site. Data for O₃, CO, NO₂, PM₁₀, and PM_{2.5} for 2020 through 2022 was obtained from the SCAQMD Air Quality Data Tables (11). Additionally, data for SO₂ has been omitted as attainment is regularly met in the SCAB and few monitoring stations measure SO₂ concentrations.

TABLE 2-4: PROJECT AREA AIR QUALITY MONITORING SUMMARY 2020-2022

Pollutant	Standard	Year		
		2020	2021	2022
O ₃				
Maximum Federal 1-Hour Concentration (ppm)		0.180	0.120	0.131
Maximum Federal 8-Hour Concentration (ppm)		0.124	0.092	0.096
Number of Days Exceeding State 1-Hour Standard	> 0.09 ppm	51	27	28
Number of Days Exceeding State/Federal 8-Hour Standard	> 0.070 ppm	84	43	49
CO				
Maximum Federal 1-Hour Concentration	> 35 ppm	1.5	2.8	1.3
Maximum Federal 8-Hour Concentration	> 20 ppm	1.2	1.4	1.0
NO ₂				
Maximum Federal 1-Hour Concentration	> 0.100 ppm	0.102	0.080	0.085
Annual Federal Standard Design Value		0.029	0.030	0.029
PM ₁₀				
Maximum Federal 24-Hour Concentration (µg/m ³)	> 150 µg/m ³	100	76	153
Annual Federal Arithmetic Mean (µg/m ³)		39.1	34.2	37.0
Number of Days Exceeding Federal 24-Hour Standard	> 150 µg/m ³	0	0	0
Number of Days Exceeding State 24-Hour Standard	> 50 µg/m ³	10	16	55
PM _{2.5}				
Maximum Federal 24-Hour Concentration (µg/m ³)	> 35 µg/m ³	53.10	65.40	41.8
Annual Federal Arithmetic Mean (µg/m ³)	> 12 µg/m ³	14.36	14.48	12.20
Number of Days Exceeding Federal 24-Hour Standard	> 35 µg/m ³	4	13	1

ppm = Parts Per Million

µg/m³ = Microgram per Cubic Meter

Source: Data for O₃, CO, NO₂, PM₁₀, and PM_{2.5} was obtained from SCAQMD Air Quality Data Tables.

2.8 REGULATORY BACKGROUND

2.8.1 FEDERAL REGULATIONS

The EPA is responsible for setting and enforcing the NAAQS for O₃, CO, NO_x, SO₂, PM₁₀, and Pb (12). The EPA has jurisdiction over emissions sources that are under the authority of the federal government including aircraft, locomotives, and emissions sources outside state waters (Outer Continental Shelf). The EPA also establishes emission standards for vehicles sold in states other than California. Automobiles sold in California must meet the stricter emission requirements of CARB.

The Federal Clean Air Act (CAA) was first enacted in 1955 and has been amended numerous times in subsequent years (1963, 1965, 1967, 1970, 1977, and 1990). The CAA establishes the federal air quality standards, the NAAQS, and specifies future dates for achieving compliance (13). The CAA also mandates that states submit and implement SIPs for local areas not meeting these standards. These plans must include pollution control measures that demonstrate how the standards will be met.

The 1990 amendments to the CAA that identify specific emission reduction goals for areas not meeting the NAAQS require a demonstration of reasonable further progress toward attainment and incorporate additional sanctions for failure to attain or to meet interim milestones. The sections of the CAA most directly applicable to the development of the Project site include Title I (Non-Attainment Provisions) and Title II (Mobile Source Provisions) (14) (15). Title I provisions were established with the goal of attaining the NAAQS for the following criteria pollutants O₃, NO₂, SO₂, PM₁₀, CO, PM_{2.5}, and Pb. The NAAQS were amended in July 1997 to include an additional standard for O₃ and to adopt a NAAQS for PM_{2.5}. Table 2-3 (previously presented) provides the NAAQS within the SCAB.

Mobile source emissions are regulated in accordance with Title II provisions. These provisions require the use of cleaner burning gasoline and other cleaner burning fuels such as methanol and natural gas. Automobile manufacturers are also required to reduce tailpipe emissions of hydrocarbons and NO_x. NO_x is a collective term that includes all forms of NO_x which are emitted as byproducts of the combustion process.

2.8.2 CALIFORNIA REGULATIONS

CARB

CARB, which became part of CalEPA in 1991, is responsible for ensuring implementation of the California Clean Air Act (AB 2595), responding to the federal CAA, and for regulating emissions from consumer products and motor vehicles. AB 2595 mandates achievement of the maximum degree of emissions reductions possible from vehicular and other mobile sources in order to attain the state ambient air quality standards by the earliest practical date. CARB established the CAAQS for all pollutants for which the federal government has NAAQS and, in addition, establishes standards for SO₄, visibility, hydrogen sulfide (H₂S), and vinyl chloride (C₂H₃Cl). However, at this time, H₂S and C₂H₃Cl are not measured at any monitoring stations in the SCAB

because they are not considered to be a regional air quality problem. Generally, the CAAQS are more stringent than the NAAQS (16) (12).

Local air quality management districts, such as the SCAQMD, regulate air emissions from stationary sources such as commercial and industrial facilities. All air pollution control districts have been formally designated as attainment or non-attainment for each CAAQS.

Serious non-attainment areas are required to prepare Air Quality Management Plans (AQMP) that include specified emission reduction strategies in an effort to meet clean air goals. These plans are required to include:

- Application of Best Available Retrofit Control Technology to existing sources;
- Developing control programs for area sources (e.g., architectural coatings and solvents) and indirect sources (e.g. motor vehicle use generated by residential and commercial development);
- A District permitting system designed to allow no net increase in emissions from any new or modified permitted sources of emissions;
- Implementing reasonably available transportation control measures and assuring a substantial reduction in growth rate of vehicle trips and miles traveled;
- Significant use of low emissions vehicles by fleet operators;
- Sufficient control strategies to achieve a 5% or more annual reduction in emissions or 15% or more in a period of three years for ROG, NO_x, CO and PM₁₀. However, air basins may use alternative emission reduction strategy that achieves a reduction of less than 5% per year under certain circumstances.

TITLE 24 ENERGY EFFICIENCY STANDARDS AND CALIFORNIA GREEN BUILDING STANDARDS

California Code of Regulations (CCR) Title 24 Part 6: The California Energy Code was first adopted in 1978 in response to a legislative mandate to reduce California's energy consumption.

The standards are updated periodically to allow consideration and possible incorporation of new energy efficient technologies and methods. CCR, Title 24, Part 11: California Green Building Standards Code (CALGreen) is a comprehensive and uniform regulatory code for all residential, commercial, and school buildings that went in effect on August 1, 2009, and is administered by the California Building Standards Commission.

CALGreen is updated on a regular basis, with the most recent approved update consisting of the 2022 California Green Building Code Standards that became effective on January 1, 2023. The CEC anticipates that the 2022 energy code will provide \$1.5 billion in consumer benefits and reduce GHG emissions by 10 million metric tons (17). The Project would be required to comply with the applicable standards in place at the time plan check submittals are made. These require, among other items (18):

NONRESIDENTIAL MANDATORY MEASURES

- Short-term bicycle parking. If the new project or an additional alteration is anticipated to generate visitor traffic, provide permanently anchored bicycle racks within 200 feet of the visitors' entrance, readily visible to passers-by, for 5% of new visitor motorized vehicle parking spaces being added, with a minimum of one two-bike capacity rack (5.106.4.1.1).
- Long-term bicycle parking. For new buildings with tenant spaces that have 10 or more tenant-occupants, provide secure bicycle parking for 5% of the tenant-occupant vehicular parking spaces with a minimum of one bicycle parking facility (5.106.4.1.2).
- Designated parking for clean air vehicles. In new projects or additions to alterations that add 10 or more vehicular parking spaces, provide designated parking for any combination of low-emitting, fuel-efficient and carpool/van pool vehicles as shown in Table 5.106.5.2 (5.106.5.2).
- EV charging stations. New construction shall facilitate the future installation of EV supply equipment. The compliance requires empty raceways for future conduit and documentation that the electrical system has adequate capacity for the future load. The number of spaces to be provided for is contained in Table 5.106. 5.3.3 (5.106.5.3). Additionally, Table 5.106.5.4.1 specifies requirements for the installation of raceway conduit and panel power requirements for medium- and heavy-duty EV supply equipment for warehouses, grocery stores, and retail stores.
- Outdoor light pollution reduction. Outdoor lighting systems shall be designed to meet the backlight, uplight and glare ratings per Table 5.106.8 (5.106.8).
- Construction waste management. Recycle and/or salvage for reuse a minimum of 65% of the nonhazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.405.1.2, or 5.408.1.3; or meet a local construction and demolition waste management ordinance, whichever is more stringent (5.408.1).
- Excavated soil and land clearing debris. 100% of trees, stumps, rocks and associated vegetation and soils resulting primarily from land clearing shall be reuse or recycled. For a phased project, such material may be stockpiled on site until the storage site is developed (5.408.3).
- Recycling by Occupants. Provide readily accessible areas that serve the entire building and are identified for the depositing, storage, and collection of non-hazardous materials for recycling, including (at a minimum) paper, corrugated cardboard, glass, plastics, organic waste, and metals or meet a lawfully enacted local recycling ordinance, if more restrictive (5.410.1).
- Water conserving plumbing fixtures and fittings. Plumbing fixtures (water closets and urinals) and fittings (faucets and showerheads) shall comply with the following:
 - Water Closets. The effective flush volume of all water closets shall not exceed 1.28 gallons per flush (5.303.3.1)
 - Urinals. The effective flush volume of wall-mounted urinals shall not exceed 0.125 gallons per flush (5.303.3.2.1). The effective flush volume of floor- mounted or other urinals shall not exceed 0.5 gallons per flush (5.303.3.2.2).

- Showerheads. Single showerheads shall have a minimum flow rate of not more than 1.8 gallons per minute and 80 psi (5.303.3.3.1). When a shower is served by more than one showerhead, the combine flow rate of all showerheads and/or other shower outlets controlled by a single valve shall not exceed 1.8 gallons per minute at 80 psi (5.303.3.3.2).
- Faucets and fountains. Nonresidential lavatory faucets shall have a maximum flow rate of not more than 0.5 gallons per minute at 60 psi (5.303.3.4.1). Kitchen faucets shall have a maximum flow rate of not more than 1.8 gallons per minute of 60 psi (5.303.3.4.2). Wash fountains shall have a maximum flow rate of not more than 1.8 gallons per minute (5.303.3.4.3). Metering faucets shall not deliver more than 0.20 gallons per cycle (5.303.3.4.4). Metering faucets for wash fountains shall have a maximum flow rate not more than 0.20 gallons per cycle (5.303.3.4.5).
- Outdoor potable water uses in landscaped areas. Nonresidential developments shall comply with a local water efficient landscape ordinance or the current California Department of Water Resources' Model Water Efficient Landscape Ordinance (MWELO), whichever is more stringent (5.304.1).
- Water meters. Separate submeters or metering devices shall be installed for new buildings or additions in excess of 50,000 sf or for excess consumption where any tenant within a new building or within an addition that is project to consume more than 1,000 gallons per day (GPD) (5.303.1.1 and 5.303.1.2).
- Outdoor water uses in rehabilitated landscape projects equal or greater than 2,500 sf. Rehabilitated landscape projects with an aggregate landscape area equal to or greater than 2,500 sf requiring a building or landscape permit (5.304.3).
- Commissioning. For new buildings 10,000 sf and over, building commissioning shall be included in the design and construction processes of the building project to verify that the building systems and components meet the owner's or owner representative's project requirements (5.410.2).

2.8.3 AQMP

Currently, the NAAQS and CAAQS are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMP to meet the state and federal ambient air quality standards (19). AQMPs are updated regularly to ensure an effective reduction in emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy. A detailed discussion on the AQMP and Project consistency with the AQMP is provided in Section 4.10.

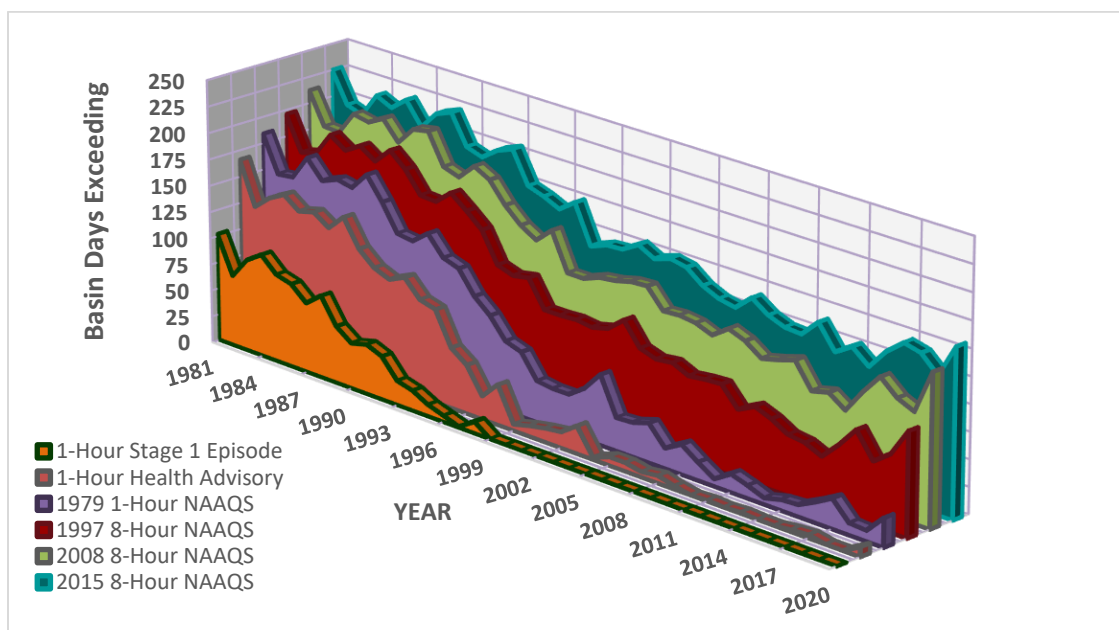
2.9 REGIONAL AIR QUALITY IMPROVEMENT

The Project is within the jurisdiction of the SCAQMD. In 1976, California adopted the Lewis Air Quality Management Act which created SCAQMD from a voluntary association of air pollution control districts in Los Angeles, Orange, Riverside, and San Bernardino counties. The geographic area of which SCAQMD consists of is known as the SCAB. SCAQMD develops comprehensive plans and regulatory programs for the region to attain federal standards by dates specified in federal law. The agency is also responsible for meeting state standards by the earliest date achievable, using reasonably available control measures.

SCAQMD rule development through the 1970s and 1980s resulted in dramatic improvement in SCAB air quality. Nearly all control programs developed through the early 1990s relied on (i) the development and application of cleaner technology; (ii) add-on emission controls, and (iii) uniform CEQA review throughout the SCAB. Industrial emission sources have been significantly reduced by this approach and vehicular emissions have been reduced by technologies implemented at the state level by CARB.

As discussed above, the SCAQMD is the lead agency charged with regulating air quality emission reductions for the entire SCAB. SCAQMD created AQMPs which represent a regional blueprint for achieving healthful air on behalf of the 16 million residents of the SCAB. The 2012 AQMP states, “the remarkable historical improvement in air quality since the 1970’s is the direct result of Southern California’s comprehensive, multiyear strategy of reducing air pollution from all sources as outlined in its AQMPs,” (20).

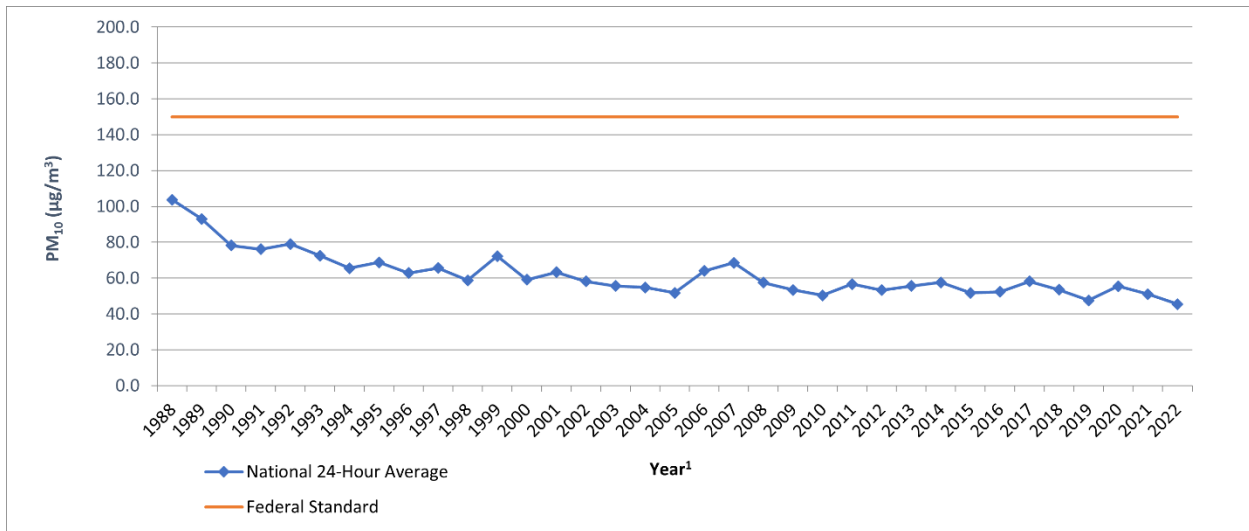
Emissions of O₃, NO_x, VOC, and CO have been decreasing in the SCAB since 1975 and are projected to continue to decrease through 2020 (21). These decreases result primarily from motor vehicle controls and reductions in evaporative emissions. Although vehicle miles traveled (VMT) in the SCAB continue to increase, NO_x and VOC levels are decreasing because of the mandated controls on motor vehicles and the replacement of older polluting vehicles with lower-emitting vehicles. NO_x emissions from electric utilities have also decreased due to use of cleaner fuels and renewable energy. O₃ contour maps show that the number of days exceeding the 8-hour NAAQS has generally decreased between 1980 and 2020. For 2020, there was an overall decrease in exceedance days compared with the 1980 period. However, as shown on Table 2-5, O₃ levels have increased in the past three years due to higher temperatures and stagnant weather conditions. Notwithstanding, O₃ levels in the SCAB have decreased substantially over the last 30 years with the current maximum measured concentrations being approximately one-third of concentrations within the late 70’s (22).

TABLE 2-5: SCAB O₃ TREND

Source: 2020 SCAQMD, Historical O₃ Air Quality Trends (1976-2020)

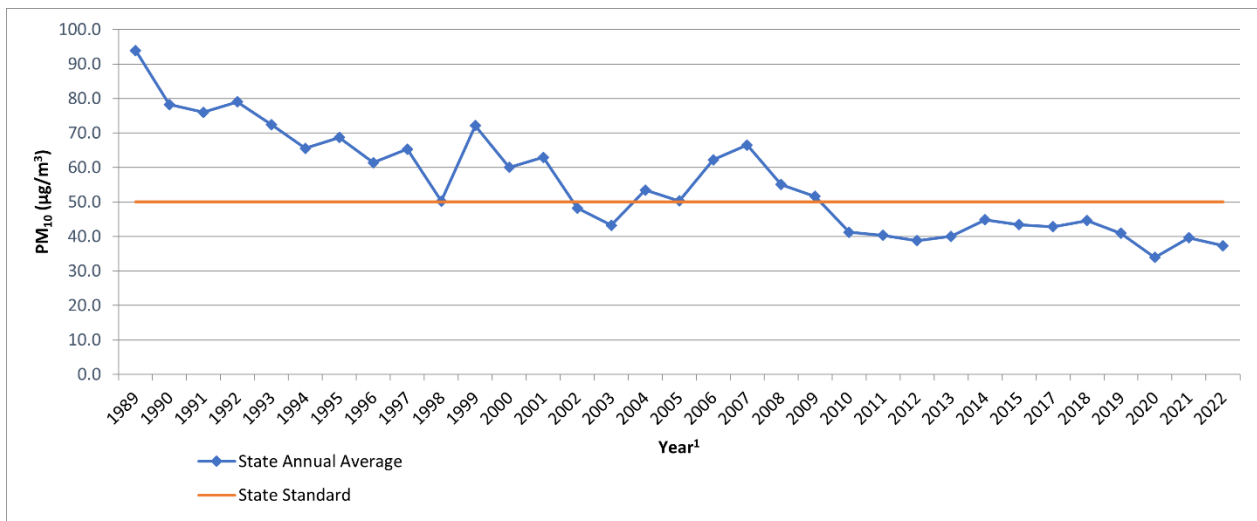
The overall trends of PM₁₀ and PM_{2.5} levels in the air (not emissions) show an overall improvement since 1975. Direct emissions of PM₁₀ have remained somewhat constant in the SCAB and direct emissions of PM_{2.5} have decreased slightly since 1975. Area wide sources (fugitive dust from roads, dust from construction, and other sources) contribute the greatest amount of direct particulate matter emissions.

As with other pollutants, the most recent PM₁₀ statistics show an overall improvement as illustrated in Tables 2-6 and 2-7. During the period for which data are available, the 24-hour national annual average concentration for PM₁₀ decreased by approximately 56%, from 103.7 microgram per cubic meter (µg/m³) in 1988 to 45.5 µg/m³ in 2022 (23). Although the values are below the federal standard, it should be noted that there are days within the year where the concentrations would exceed the threshold. The 24-hour state annual average for emissions for PM₁₀, have decreased by approximately 64%, from 93.9 µg/m³ in 1989 to 37.3 µg/m³ in 2022 (23). Although data in the late 1990's show some variability, this is probably due to the advances in meteorological science rather than a change in emissions. Similar to the ambient concentrations, the calculated number of days above the 24-hour PM₁₀ standards has also shown an overall drop.

TABLE 2-6: SCAB AVERAGE 24-HOUR CONCENTRATION PM₁₀ TREND (BASED ON FEDERAL STANDARD)¹

Source: 2023 CARB, iADAM: Top Four Summary: PM₁₀ 24-Hour Averages (1988-2022)

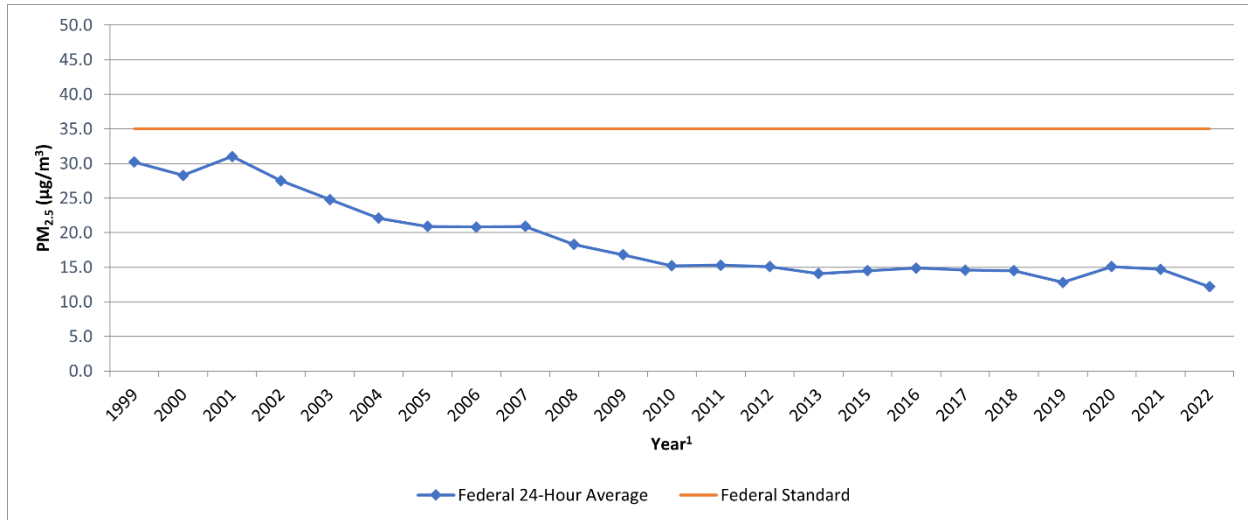
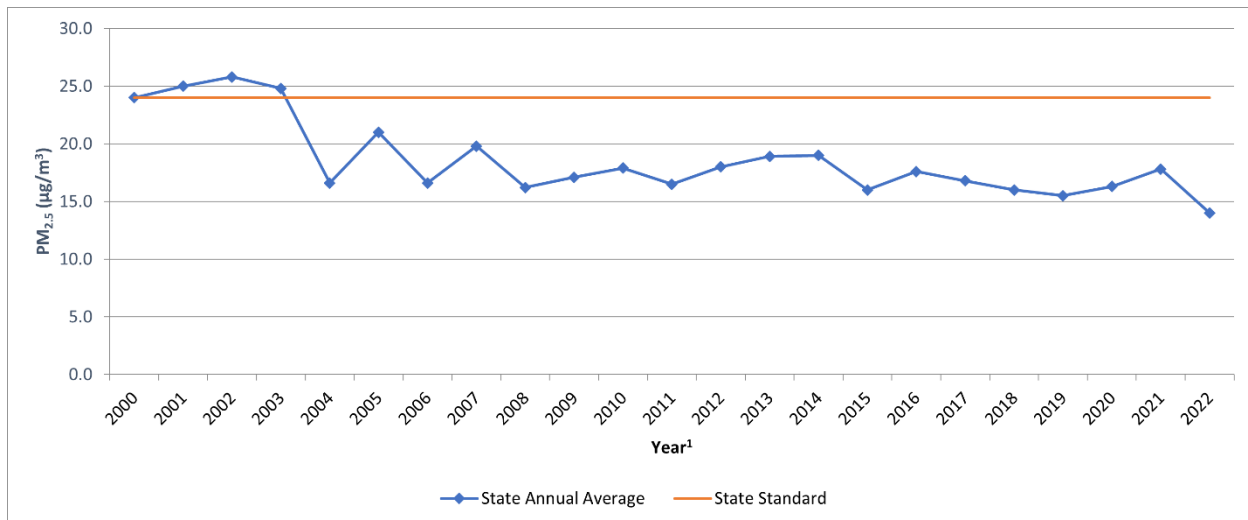
¹ Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

TABLE 2-7: SCAB ANNUAL AVERAGE CONCENTRATION PM₁₀ TREND (BASED ON STATE STANDARD)¹

Source: 2023 CARB, iADAM: Top Four Summary: PM₁₀ 24-Hour Averages (1988-2022)

¹ Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

Tables 2-8 and 2-9 shows the most recent 24-hour average PM_{2.5} concentrations in the SCAB from 1999 through 2022. Overall, the national and state annual average concentrations have decreased by almost 60% and 42% respectively (23). It should be noted that the SCAB is currently designated as nonattainment for the state and federal PM_{2.5} standards.

TABLE 2-8: SCAB 24-HOUR AVERAGE CONCENTRATION PM_{2.5} TREND (BASED ON FEDERAL STANDARD)¹Source: 2023 CARB, iADAM: Top Four Summary: PM_{2.5} 24-Hour Averages (1999-2022)¹ Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.**TABLE 2-9: SCAB ANNUAL AVERAGE CONCENTRATION PM_{2.5} TREND (BASED ON STATE STANDARD)¹**Source: 2023 CARB, iADAM: Top Four Summary: PM_{2.5} 24-Hour Averages (1999-2022)¹ Some years have been omitted from the table as insufficient data (or no) data has been reported. Years with reported value of "0" have also been omitted.

While the 2012 AQMP PM₁₀ attainment demonstration and the 2015 associated supplemental SIP submission indicated that attainment of the 24-hour standard was predicted to occur by the end of 2015, it could not anticipate the effect of the ongoing drought on the measured PM_{2.5}.

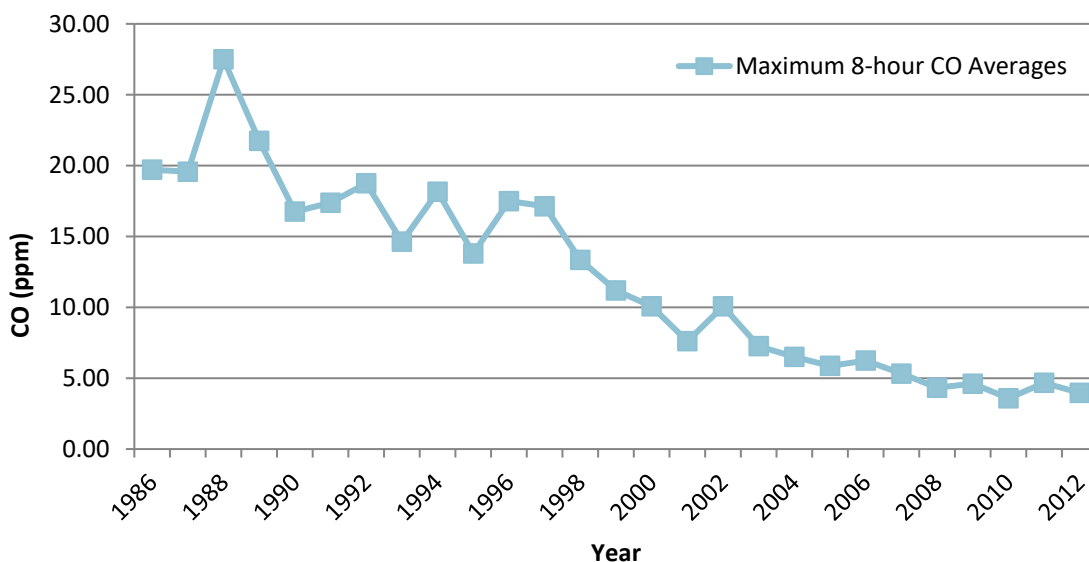
The 2006 to 2010 base period used for the 2012 attainment demonstration had near-normal rainfall. While the trend of PM_{2.5}-equivalent emission reductions continued through 2015, the severe drought conditions contributed to the PM_{2.5} increases observed after 2012. As a result of

the disrupted progress toward attainment of the federal 24-hour PM_{2.5} standard, SCAQMD submitted a request and the EPA approved, in January 2016, a “bump up” to the nonattainment classification from “moderate” to “serious,” with a new attainment deadline as soon as practicable, but not beyond December 31, 2019. As of March 14, 2019, the EPA approved portions of a SIP revision submitted by California to address CAA requirements for the 2006 24-hour PM_{2.5} NAAQS in the Los Angeles-SCAB Serious PM_{2.5} nonattainment area. The EPA also approved 2017 and 2019 motor vehicle emissions budgets for transportation conformity purposes and inter-pollutant trading ratios for use in transportation conformity analyses (24).

In December 2022, the SCAQMD released the Final 2022 AQMP. The 2022 AQMP continues to evaluate current integrated strategies and control measures to meet the NAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (25). Similar to the 2016 AQMP, the 2022 AQMP incorporates scientific and technological information and planning assumptions, including the 2020-2045 Regional Transportation Plan/Sustainable Communities Strategy (2020-2045 RTP/SCS) and updated emission inventory methodologies for various source categories (26).

The most recent CO concentrations in the SCAB are shown in Table 2-10 (23). CO concentrations in the SCAB have decreased markedly — a total decrease of more about 80% in the peak 8-hour concentration from 1986 to 2012. It should be noted 2012 is the most recent year where 8-hour CO averages and related statistics are available in the SCAB. The number of exceedance days has also declined. The entire SCAB is now designated as attainment for both the state and national CO standards. Ongoing reductions from motor vehicle control programs should continue the downward trend in ambient CO concentrations.

TABLE 2-10: SCAB 8-HOUR AVERAGE CONCENTRATION CO TREND¹



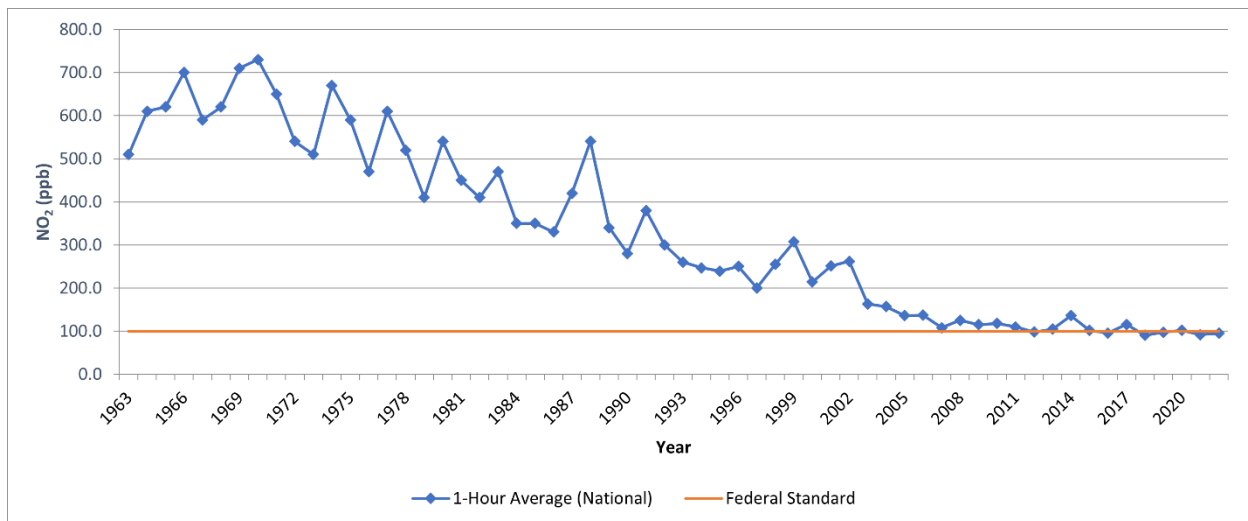
Source: 2020 CARB, iADAM: Top Four Summary: CO 8-Hour Averages (1986-2012)

¹ The most recent year where 8-hour concentration data is available is 2012.

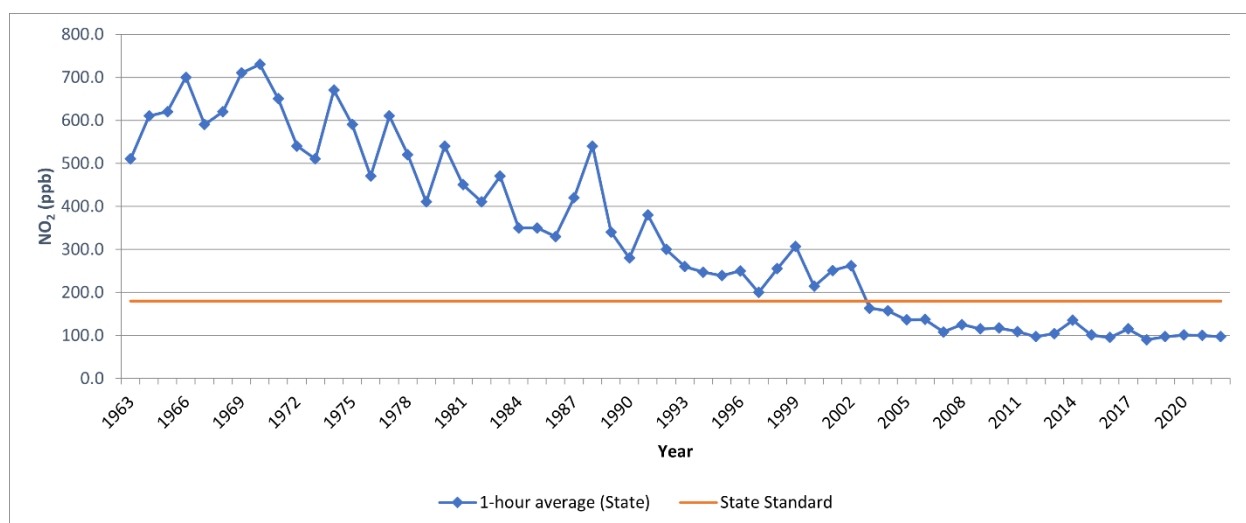
Part of the control process of the SCAQMD's duty to greatly improve the air quality in the SCAB is the uniform CEQA review procedures required by SCAQMD's *CEQA Air Quality Handbook (1993) (1993 CEQA Handbook)* (27). The single threshold of significance used to assess Project direct and cumulative impacts has in fact "worked" as evidenced by the track record of the air quality in the SCAB dramatically improving over the course of the past decades. As stated by the SCAQMD, the District's thresholds of significance are based on factual and scientific data and are therefore appropriate thresholds of significance to use for this Project.

The most recent NO₂ data for the SCAB is shown in Tables 2-11 and 2-12 (23). Over the last 50 years, NO₂ values have decreased significantly; the peak 1-hour national and state averages for 2022 is approximately 81% lower than what it was during 1963. The SCAB attained the State 1-hour NO₂ standard in 1994, bringing the entire state into attainment. A new state annual average standard of 0.030 ppm was adopted by CARB in February 2007 (28). The new standard is just barely exceeded in the SCAQMD. NO₂ is formed from NO_x emissions, which also contribute to O₃. As a result, the majority of the future emission control measures would be implemented as part of the overall O₃ control strategy. Many of these control measures would target mobile sources, which account for more than three-quarters of California's NO_x emissions. These measures are expected to bring the SCAQMD into attainment of the state annual average standard.

TABLE 2-11: SCAB 1-HOUR AVERAGE CONCENTRATION NO₂ TREND (BASED ON FEDERAL STANDARD)



Source: 2023 CARB, iADAM: Top Four Summary: CO 1-Hour Averages (1963-2022)

TABLE 2-12: SCAB 1-HOUR AVERAGE CONCENTRATION NO₂ TREND (BASED ON STATE STANDARD)

Source: 2023 CARB, iADAM: Top Four Summary: CO 1-Hour Averages (1963-2022)

2.9.1 TOXIC AIR CONTAMINANTS (TAC) TRENDS

In 1984, as a result of public concern for exposure to airborne carcinogens, CARB adopted regulations to reduce the amount of TAC emissions resulting from mobile and area sources, such as cars, trucks, stationary sources, and consumer products. According to the *Ambient and Emission Trends of Toxic Air Contaminants in California* journal article (29) which was prepared for CARB, results show that between 1990-2012, ambient concentration and emission trends for the seven TACs responsible for most of the known cancer risk associated with airborne exposure in California have declined significantly (between 1990 and 2012). The seven TACs studied include those that are derived from mobile sources: diesel particulate matter (DPM), benzene (C₆H₆), and 1,3-butadiene (C₄H₆); those that are derived from stationary sources: perchloroethylene (C₂Cl₄) and hexavalent chromium (Cr(VI)); and those derived from photochemical reactions of emitted VOCs: formaldehyde (CH₂O) and acetaldehyde (C₂H₄O)². The decline in ambient concentration and emission trends of these TACs are a result of various regulations CARB has implemented to address cancer risk.

MOBILE SOURCE TACS

CARB introduced two programs that aimed at reducing mobile emissions for light and medium duty vehicles through vehicle emissions controls and cleaner fuel. In California, light-duty vehicles sold after 1996 are equipped with California's second-generation On-Board Diagnostic (OBD-II) system. The OBD-II system monitors virtually every component that can affect the emission performance of the vehicle to ensure that the vehicle remains as clean as possible over its entire life and assists repair technicians in diagnosing and fixing problems with the computerized engine controls. If a problem is detected, the OBD-II system illuminates a warning lamp on the vehicle instrument panel to alert the driver. This warning lamp typically contains the phrase "Check

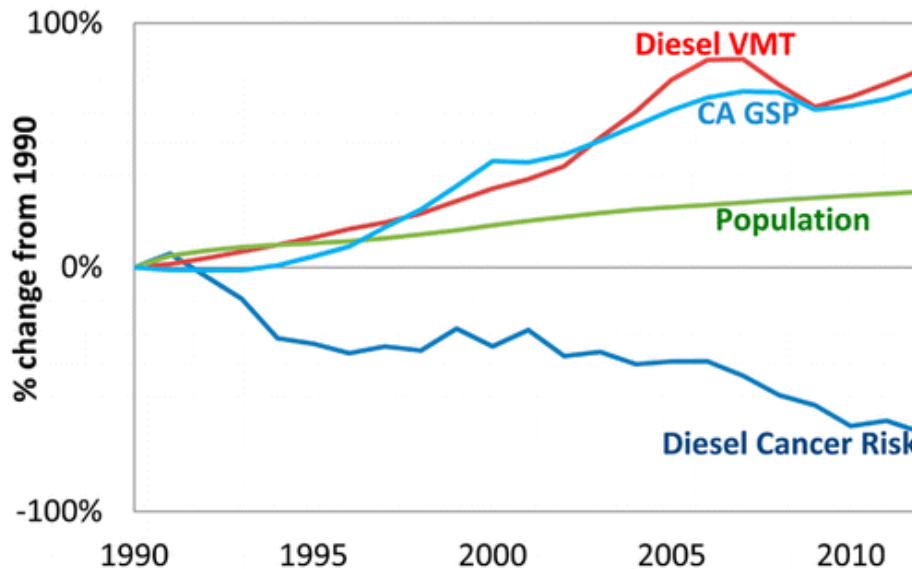
² It should be noted that ambient DPM concentrations are not measured directly. Rather, a surrogate method using the coefficient of haze (COH) and elemental carbon (EC) is used to estimate DPM concentrations.

Engine” or “Service Engine Soon.” The system would also store important information about the detected malfunction so that a repair technician can accurately find and fix the problem. CARB has recently developed similar OBD requirements for heavy-duty vehicles over 14,000 pounds (lbs). CARB’s phase II Reformulated Gasoline Regulation (RFG-2), adopted in 1996, also led to a reduction of mobile source emissions. Through such regulations, benzene levels declined 88% from 1990-2012. 1,3-Butadiene concentrations also declined 85% from 1990-2012 as a result of the use of reformulated gasoline and motor vehicle regulations (29).

In 2000, CARB’s Diesel Risk Reduction Plan (DRRP) recommended the replacement and retrofit of diesel-fueled engines and the use of ultra-low-sulfur (<15 ppm) diesel fuel. As a result of these measures, DPM concentrations have declined 68% since 2000, even though the state’s population increased 31% and the amount of diesel vehicles miles traveled increased 81%, as shown on Exhibit 2-B. With the implementation of these diesel-related control regulations, CARB expects a DPM decline of 71% for 2000-2020.

EXHIBIT 2-A: DPM AND DIESEL VEHICLE MILES TREND

**California Population, Gross State Product (GSP),
Diesel Cancer Risk, Diesel Vehicle-Miles-Traveled (VMT)**



Source: 2020 CARB

DIESEL REGULATIONS

CARB and the Ports of Los Angeles and Long Beach (POLA and POLB) have adopted several iterations of regulations for diesel trucks that are aimed at reducing DPM. More specifically, CARB Drayage Truck Regulation (30), CARB statewide On-road Truck and Bus Regulation (31), and the Ports of Los Angeles and Long Beach Clean Truck Program (CTP) require accelerated implementation of “clean trucks” into the statewide truck fleet (32). In other words, older more polluting trucks would be replaced with newer, cleaner trucks as a function of these regulatory requirements.

Moreover, the average statewide DPM emissions for Heavy Duty Trucks (HDT), in terms of grams of DPM generated per mile traveled, would dramatically be reduced due to the aforementioned regulatory requirements.

Diesel emissions identified in this analysis would therefore overstate future DPM emissions since not all the regulatory requirements are reflected in the modeling.

CANCER RISK TRENDS

Based on information available from CARB, overall cancer risk throughout the SCAB has had a declining trend since 1990. In 1998, following an exhaustive 10-year scientific assessment process, CARB identified particulate matter from diesel-fueled engines as a toxic air contaminant. The SCAQMD initiated a comprehensive urban toxic air pollution study called the Multiple Air Toxics Exposure Study (MATES). DPM accounts for more than 70% of the cancer risk.

In January 2018, as part of the overall effort to reduce air toxics exposure in the SCAB, SCAQMD began conducting the MATES V Program. MATES V field measurements were conducted at ten fixed sites (the same sites selected for MATES III and IV) to assess trends in air toxics levels. MATES V also included measurements of ultrafine particles (UFP) and black carbon (BC) concentrations, which can be compared to the UFP levels measured in MATES IV (33). The draft report for the MATES V study was published in late May and the comment submission deadline on June 7, 2021. In addition to new measurements and updated modeling results, several key updates were implemented in MATES V. First, MATES V estimates cancer risks by taking into account multiple exposure pathways, which includes inhalation and non-inhalation pathways. This approach is consistent with how cancer risks are estimated in South Coast AQMD's programs such as permitting, Air Toxics Hot Spots (AB2588), and CEQA. Previous MATES studies quantified the cancer risks based on the inhalation pathway only. Second, along with cancer risk estimates, MATES V includes information on the chronic non-cancer risks from inhalation and non-inhalation pathways for the first time. Cancer risks and chronic non-cancer risks from MATES II through IV measurements have been re-examined using current Office of Environmental Health Hazard Assessment (OEHHA) and CalEPA risk assessment methodologies and modern statistical methods to examine the trends over time (34).

MATES-V calculated cancer risks based on monitoring data collected at ten fixed sites within the SCAB. None of the fixed monitoring sites are within the local area of the Project site. However, MATES-V has extrapolated the excess cancer risk levels throughout the SCAB by modeling the specific grids. The Project is located within a quadrant of the geographic grid of the MATES-V model which predicted a cancer risk of 511 in one million for the area containing the Project site. DPM is included in this cancer risk along with all other TAC sources. As in previous MATES iterations, diesel PM is the largest contributor to overall air toxics cancer risk. However, the average levels of diesel PM in MATES V are 53% lower at the 10 monitoring sites compared to MATES IV. Cumulative Project generated TACs are limited to DPM.

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3 EXISTING PROJECT SITE AIR QUALITY CONDITIONS

The Project site is currently occupied by a manufacturing facility that is currently operational. The estimated operation-source emissions from the existing development are summarized on Table 3-1. Detailed operation model outputs are presented in Appendix 3.1.

TABLE 3-1: EMISSIONS FROM EXISTING DEVELOPMENT

Source	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
Mobile Source	0.77	2.77	10.10	0.04	2.95	0.79
Area Source	2.32	0.03	3.17	0.00	0.01	0.00
Energy Source	0.02	0.37	0.31	0.00	0.03	0.03
Total Maximum Daily Emissions	3.11	3.17	13.58	0.04	2.99	0.82
Winter						
Mobile Source	0.73	2.92	8.46	0.04	2.95	0.79
Area Source	1.79	0.00	0.00	0.00	0.00	0.00
Energy Source	0.02	0.37	0.31	0.00	0.03	0.03
Total Maximum Daily Emissions	2.54	3.29	8.77	0.04	2.98	0.82

Source: CalEEMod existing operational-source emissions are presented in Appendix 3.1.

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4 PROJECT AIR QUALITY IMPACT

4.1 INTRODUCTION

This study quantifies air quality emissions generated by construction and operation of the Project and addresses whether the Project conflicts with implementation of the SCAQMD's AQMP and Lead Agency planning regulations. The analysis of Project-generated air emissions determines whether the Project would result in a cumulatively considerable net increase of any criteria pollutant for which the SCAB is in non-attainment under an applicable NAAQS and CAAQS. Additionally, the Project has been evaluated to determine whether the Project would expose sensitive receptors to substantial pollutant concentrations and the impacts of odors. The significance of these potential impacts is described in the following sections.

4.2 STANDARDS OF SIGNIFICANCE

The criteria used to determine the significance of potential Project-related air quality impacts are taken from the *CEQA Guidelines* (14 CCR §§15000, et seq.). Based on these thresholds, a project would result in a significant impact related to air quality if it would (1):

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

The SCAQMD has also developed regional significance thresholds for other regulated pollutants, as summarized at Table 4-1 (35). The SCAQMD's *CEQA Air Quality Significance Thresholds* (March 2023) indicate that any projects in the SCAB with daily emissions that exceed any of the indicated thresholds should be considered as having an individually and cumulatively significant air quality impact.

TABLE 4-1: MAXIMUM DAILY REGIONAL EMISSIONS THRESHOLDS

Pollutant	Regional Construction Threshold	Regional Operational Thresholds
NO _x	100 lbs/day	55 lbs/day
VOC	75 lbs/day	55 lbs/day
PM ₁₀	150 lbs/day	150 lbs/day
PM _{2.5}	55 lbs/day	55 lbs/day
SO _x	150 lbs/day	150 lbs/day
CO	550 lbs/day	550 lbs/day
Pb	3 lbs/day	3 lbs/day

lbs/day = Pounds Per Day

4.3 MODELS EMPLOYED TO ANALYZE AIR QUALITY

4.3.1 CALFEEMOD

Land uses such as the Project affect air quality through construction-source and operational-source emissions.

In May 2023 the California Air Pollution Control Officers Association (CAPCOA) in conjunction with other California air districts, including SCAQMD, released the latest version of CalFEEMod version 2022.1.1.12. The purpose of this model is to calculate construction-source and operational-source criteria pollutant (VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}) and GHG emissions from direct and indirect sources; and quantify applicable air quality and GHG reductions achieved from mitigation measures (36). Accordingly, the latest version of CalFEEMod has been used for this Project to determine construction and operational air quality emissions. Output from the model runs for both construction and operational activity are provided in Appendices 4.1 through 4.3.

4.4 CONSTRUCTION EMISSIONS

4.4.1 CONSTRUCTION ACTIVITIES

Construction activities associated with the Project would result in emissions of VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}. Construction related emissions are expected from the following construction activities:

- Demolition/Crushing
- Site Preparation
- Grading
- Building Construction
- Paving
- Architectural Coating
- Off-Site Improvements Construction

DEMOLITION ACTIVITIES

As previously stated, the site is currently occupied. This analysis assumes that demolition of 73,000 square feet of existing structures and 560,000 square feet of asphalt/concrete will produce a total of 66,862 tons of debris which will be hauled off-site.

CRUSHING ACTIVITIES

The Project activities would include on-site crushing of concrete and asphalt pulverizing during demolition activity. Fugitive dust emissions would also be generated through the crushing debris on-site. The U.S. EPA's AP-42 compilation of emission factors available in Chapter 11.19.2-2 were used to estimate fugitive dust from crushing activities. As noted above, it is estimated that approximately 66,862 tons of debris would be crushed (approximately 3,343.1 tons per day).

GRADING ACTIVITIES

Dust is typically a major concern during grading activities. Because such emissions are not amenable to collection and discharge through a controlled source, they are called “fugitive emissions”. Fugitive dust emissions rates vary as a function of many parameters (soil silt, soil moisture, wind speed, area disturbed, number of vehicles, depth of disturbance or excavation, etc.). CalEEMod was utilized to calculate fugitive dust emissions resulting from this phase of activity. The Project would balance and would therefore not require any import or export of soils.

OFF-SITE UTILITY AND INFRASTRUCTURE IMPROVEMENTS

In addition, to support the Project development, the Project would construct streetlights, removing and replacing fire hydrant, traffic signal interconnect from project frontage to Central Ave. The Project would include construction of new sidewalks on all Project frontages. All off-site infrastructure and improvements would occur concurrently with the construction of the proposed Project.

ON-ROAD TRIPS

Construction generates on-road vehicle emissions from vehicle usage for workers, vendors, and haul trucks commuting to and from the site. The number of worker, vendor, and hauling trips are presented below in Table 4-2. Worker trips are based on CalEEMod defaults. It should be noted that for vendor trips, specifically, CalEEMod only assigns vendor trips to the Building Construction phase. Vendor trips would likely occur during all phases of construction. As such, the CalEEMod defaults for vendor trips have been adjusted based on a ratio of the total vendor trips to the number of days of each subphase of activity.

TABLE 4-2: CONSTRUCTION TRIP ASSUMPTIONS

Construction Activity		Worker Trips Per Day	Vendor Trips Per Day	Hauling Trips Per Day
Project Construction	Demolition/Crushing	18	5	836
	Site Preparation	18	3	0
	Grading	20	7	0
	Building Construction	166	42	0
	Paving	30	2	0
	Architectural Coating	33	6	0
Off-Site Construction	Linear, Grubbing & Land Clearing	33	1	0
	Linear, Grading & Excavation	28	0	0
	Linear, Paving	20	0	0

4.4.2 CONSTRUCTION DURATION

For purposes of analysis, construction of Project is expected to commence in January 2026 and would last through March 2027. The construction schedule utilized in the analysis, shown in Table 4-3, represents a “worst-case” analysis scenario should construction occur any time after the respective dates since emission factors for construction decrease as time passes and the analysis year increases due to emission regulations becoming more stringent³. The duration of construction activity and associated equipment represents a reasonable approximation of the expected construction fleet as required per *CEQA Guidelines* (1).

TABLE 4-3: CONSTRUCTION DURATION

Construction Activity		Start Date	End Date	Working
Project Construction	Demolition/Crushing	01/02/26	01/29/26	20
	Site Preparation	01/30/26	02/12/26	10
	Grading	02/13/26	03/26/26	30
	Building Construction	03/27/26	12/31/26	200
	Paving	01/01/27	01/14/27	10
	Architectural Coating	01/15/27	03/11/27	40
Off-Site Construction	Linear, Grubbing & Land Clearing	03/27/26	08/13/26	100
	Linear, Grading & Excavation	08/14/26	11/16/26	67
	Linear, Paving	11/17/26	12/31/26	33

4.4.3 CONSTRUCTION EQUIPMENT

Consistent with industry standards and typical construction practices, each piece of equipment listed in Table 4-4 will operate up to a total of eight (8) hours per day, or more than two-thirds of the period during which construction activities are allowed pursuant to the code.

TABLE 4-4: CONSTRUCTION EQUIPMENT ASSUMPTIONS (1 OF 3)

Construction Activity		Equipment ¹	Amount	Hours Per Day
Project Construction	Demolition/Crushing	Concrete/Industrial Saws	1	8
		Excavators	3	8
		Rubber Tired Dozers	2	8
		Crushing/Proc. Equipment	1	8
	Site Preparation	Rubber Tired Dozers	3	8
		Crawler Tractors	4	8

³ As shown in the CalEEMod User's Guide Version 2022.1, Section 4.3 “Off-Road Equipment” as the analysis year increases, emission factors for the same equipment pieces decrease due to the natural turnover of older equipment being replaced by newer less polluting equipment and new regulatory requirements.

TABLE 4-4: CONSTRUCTION EQUIPMENT ASSUMPTIONS (2 OF 3)

Construction Activity		Equipment ¹	Amount	Hours Per
Project Construction	Grading	Excavators	2	8
		Graders	1	8
		Rubber Tired Dozers	1	8
		Scrapers	2	8
		Crawler Tractors	2	8
	Building Construction	Cranes	2	8
		Forklifts	5	8
		Generator Sets	2	8
		Tractors/Loaders/Backhoes	5	8
		Welders	2	8
	Paving	Pavers	4	8
		Paving Equipment	4	8
		Rollers	4	8
	Architectural Coating	Air Compressors	1	8
Off-Site Construction	Linear, Grubbing & Land Clearing	Crawler Tractors	1	8
		Excavators	3	8
		Graders	1	8
		Rollers	2	8
		Rubber Tired Loaders	1	8
		Scrapers	2	8
		Signal Boards	1	8
		Tractors/Loaders/Backhoes	2	8
	Linear, Grading & Excavation	Air Compressors	1	8
		Generator Sets	1	8
		Graders	1	8
		Plate Compactors	1	8
		Pumps	1	8
		Rough Terrain Forklifts	1	8
		Scrapers	2	8
		Signal Boards	1	8
		Tractors/Loaders/Backhoes	2	8

TABLE 4-4: CONSTRUCTION EQUIPMENT ASSUMPTIONS (3 OF 3)

Construction Activity		Equipment ¹	Amount	Hours Per
Off-Site Construction	Linear, Paving	Pavers	1	8
		Paving Equipment	1	8
		Rollers	3	8
		Signal Boards	1	8
		Tractors/Loaders/Backhoes	2	8

¹ In order to account for fugitive dust emissions, Crawler Tractors were used in lieu of Tractors/Loaders/Backhoes during the site preparation and grading phases of Project construction.

4.4.4 CONSTRUCTION EMISSIONS SUMMARY

IMPACTS WITHOUT MITIGATION

The estimated maximum daily construction emissions without mitigation are summarized on Table 4-5. Detailed construction model outputs are presented in Appendix 4.1. Under the assumed scenarios, emissions resulting from the Project construction will not exceed the thresholds established by the SCAQMD for emissions of any criteria pollutant.

TABLE 4-5: OVERALL CONSTRUCTION EMISSIONS SUMMARY

Year	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
2026	5.94	46.61	66.37	0.12	4.98	2.35
Winter						
2026	37.08	91.41	106.33	0.42	64.24	13.27
2027	47.97	14.05	21.10	0.03	0.89	0.62
Maximum Daily Emissions	47.97	91.41	106.33	0.42	64.24	13.27
SCAQMD Regional Threshold	75	100	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Source: CalEEMod construction-source (unmitigated) emissions are presented in Appendix 4.1.

Note: Summer 2025 emissions include dust (PM₁₀ and PM_{2.5}) from crushing activities

4.5 OPERATIONAL EMISSIONS

Operational activities associated with the Project would result in emissions of VOCs, NO_x, SO_x, CO, PM₁₀, and PM_{2.5}. Operational emissions are expected from the following primary sources:

- Area Source Emissions
- Energy Source Emissions
- Mobile Source Emissions

- Stationary Source Emissions
- TRU Source Emissions
- On-Site Cargo Handling Equipment Source Emissions

4.5.1 AREA SOURCE EMISSIONS

ARCHITECTURAL COATINGS

Over a period of time the buildings that are part of this Project would require maintenance and would therefore produce emissions resulting from the evaporation of solvents contained in paints, varnishes, primers, and other surface coatings. The emissions associated with architectural coatings were calculated using CalEEMod.

CONSUMER PRODUCTS

Consumer products include, but are not limited to detergents, cleaning compounds, polishes, personal care products, and lawn and garden products. Many of these products contain organic compounds which when released in the atmosphere can react to form ozone and other photochemically reactive pollutants. The emissions associated with use of consumer products were calculated based on defaults provided within CalEEMod.

LANDSCAPE MAINTENANCE EQUIPMENT

Landscape maintenance equipment would generate emissions from fuel combustion and evaporation of unburned fuel. Equipment in this category would include lawnmowers, shredders/grinders, blowers, trimmers, chain saws, and hedge trimmers used to maintain the landscaping of the Project. It should be noted that as October 9, 2021, Governor Gavin Newsom signed AB 1346. The bill aims to ban the sale of new gasoline-powered equipment under 25 gross hp (known as small off-road engines [SOREs]) by 2024. For purposes of analysis, the emissions associated with landscape maintenance equipment were calculated based on assumptions provided in CalEEMod.

4.5.2 ENERGY SOURCE EMISSIONS

COMBUSTION EMISSIONS ASSOCIATED WITH ELECTRICITY

Criteria pollutant emissions are emitted through the generation of electricity. However, because electrical generating facilities for the Project area are located either outside the region (state) or offset through the use of pollution credits (RECLAIM) for generation within the SCAB, criteria pollutant emissions from offsite generation of electricity are excluded from the evaluation of significance. Based on information provided by the Project applicant, the site is also not expected to utilize natural gas for the building envelope, and therefore would not generate any emissions from direct energy consumption.

4.5.3 MOBILE SOURCE EMISSIONS

The Project related operational air quality emissions derive primarily from vehicle trips generated by the Project, including employee trips to and from the site and truck trips associated with the

proposed uses. Trip characteristics available from the *Chino Distribution Center Analysis* were utilized in this analysis (37).

APPROACH FOR ANALYSIS OF THE PROJECT

In order to determine emissions from passenger car vehicles, CalEEMod defaults for trip length and trip purpose were utilized. Default vehicle trip lengths for primary trips will be populated using data from the local metropolitan planning organizations/Regional Transportation Planning Agencies (MPO/RTPA). Trip type percentages and trip lengths provided by MPO/RTPAs truncate data at their demonstrative borders. This analysis assumes that passenger cars include Light-Duty-Auto vehicles (LDA), Light-Duty-Trucks (LDT1⁴ & LDT2⁵), Medium-Duty-Vehicles (MDV), and Motorcycles (MCY) vehicle types. In order to account for emissions generated by passenger cars, the fleet mix in Table 4-6 was utilized.

TABLE 4-6: PASSENGER CAR FLEET MIX

Land Use	% Vehicle Type				
	LDA	LDT1	LDT2	MDV	MCY
Warehousing	53.99%	4.16%	23.01%	16.58%	2.26%
High-Cube Cold Storage Warehouse					

Note: The Project-specific passenger car fleet mix used in this analysis is based on a proportional split utilizing the default CalEEMod percentages assigned to LDA, LDT1, LDT2, and MDV vehicle types.

To determine emissions from trucks for the proposed industrial uses, the analysis incorporated the SCAQMD recommended truck trip length of 15.3 miles for 2-axle (LHDT1, LHDT2), 14.2 miles for 3-axle (MHDT) trucks, and 39.9 miles for 4+-axle (HHDT) trucks and weighting the average trip lengths using traffic trip percentages. The trip length function for the industrial uses has been revised to 29.43 miles with an assumption of 100% primary trips. Trucks are broken down by truck type. The truck fleet mix is estimated by rationing the trip rates for each truck type based on information provided by the SCAQMD recommended truck mix, by axle type. Heavy trucks are broken down by truck type (or axle type) and are categorized as either Light-Heavy-Duty Trucks (LHDT1⁶ & LHDT2⁷)/2-axle, Medium-Heavy-Duty Trucks (MHDT)/3-axle, and Heavy-Heavy-Duty Trucks (HHDT)/4+-axle. To account for emissions generated by trucks, the fleet mix in Table 4-7 was utilized.

⁴ Vehicles under the LDT1 category have a gross vehicle weight rating (GVWR) of less than 6,000 lbs. and equivalent test weight (ETW) of less than or equal to 3,750 lbs.

⁵ Vehicles under the LDT2 category have a GVWR of less than 6,000 lbs. and ETW between 3,751 lbs. and 5,750 lbs.

⁶ Vehicles under the LHDT1 category have a GVWR of 8,501 to 10,000 lbs.

⁷ Vehicles under the LHDT2 category have a GVWR of 10,001 to 14,000 lbs.

TABLE 4-7: TRUCK FLEET MIX

Land Use	% Vehicle Type			
	LHDT1	LHDT2	MHDT	HHDT
Warehousing	13.08%	3.58%	21.11%	62.22%
High-Cube Cold Storage Warehouse	27.58%	7.55%	10.81%	54.05%

Note: Project-specific truck fleet mix is based on the number of trips generated by each truck type (LHDT1, LHDT2, MHDT, and HHDT) relative to the total number of truck trips.

FUGITIVE DUST RELATED TO VEHICULAR TRAVEL

Vehicles traveling on paved roads would be a source of fugitive emissions due to the generation of road dust inclusive of brake and tire wear particulates. The emissions estimate for travel on paved roads were calculated using CalEEMod.

4.5.4 STATIONARY SOURCE EMISSIONS

The proposed Project was conservatively assumed to include installation of a 300-horsepower diesel-powered fire pump. The fire pump was estimated to operate for up to 1 hour per day, 1 day per week for up to 50 hours per year for maintenance and testing purposes. Emissions associated with the stationary diesel-powered emergency fire pumps were calculated using CalEEMod.

4.5.5 TRU SOURCE EMISSIONS

In order to account for the possibility of refrigerated uses, trucks associated with the cold-storage land use are assumed to also have TRUs. For modeling purposes, 74 two-way truck trips have been estimated to include TRUs (e.g., all truck trips that would be associated with up to 98,558 square feet of high-cube cold storage warehouse use as summarized in the *Chino Distribution Center Traffic Analysis*). TRUs are accounted for during on-site and off-site travel. The TRU calculations are based on the OFFROAD Model version 2021 (OFFROAD 2021), developed by CARB. OFFROAD 2021 does not provide emission rates per hour or mile as with the on-road emission model and only provides emission inventories. Emission results are produced in tons per day while all activity, fuel consumption and horsepower hours were reported at annual levels. The emission inventory is based on specific assumptions including the average horsepower rating of specific types of equipment and the hours of operation annually. These assumptions are not always consistent with assumptions used in the modeling of Project level emissions. Therefore, the emissions inventory was converted into emission rates to accurately calculate emissions from TRU operation associated with Project level details. This was accomplished by converting the annual horsepower hours to daily operational characteristics and converting the daily emission levels into hourly emission rates based on the total emission of each criteria pollutant by equipment type and the average daily hours of operations.

4.5.6 ON-SITE CARGO HANDLING EQUIPMENT SOURCE EMISSIONS

It is common for industrial buildings to require the operation of exterior cargo handling equipment in the building's truck court areas. For this Project, on-site modeled operational equipment includes up to one (1) 175 hp, natural gas-powered cargo handling equipment – port tractor operating 4 hours a day⁸ for 365 days of the year.

4.5.7 OPERATIONAL EMISSIONS SUMMARY

As previously stated, CalEEMod utilizes summer and winter EMFAC2021 emission factors in order to derive vehicle emissions associated with Project operational activities, which vary by season. The estimated operational-source emissions are summarized on Table 4-8. Detailed operation model outputs for the Project are presented in Appendix 4.2. As shown on Table 4-8, the Project's daily regional emissions from on-going operations would not exceed the thresholds of significance for emissions of any criteria pollutant.

TABLE 4-8: SUMMARY OF PEAK OPERATIONAL EMISSIONS (1 OF 2)

Source	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
Mobile Source	2.25	21.20	34.20	0.23	12.00	3.37
Area Source	12.30	0.14	17.10	0.00	0.03	0.02
Stationary Source	0.98	2.75	2.51	0.00	0.14	0.14
TRU Source	4.17	4.71	0.48	0.01	0.21	0.19
On-Site Equipment Source	0.12	0.38	16.44	0.00	0.03	0.03
Project Maximum Daily Emissions	19.82	29.17	70.74	0.24	12.41	3.75
<i>Existing</i>	<i>3.11</i>	<i>3.17</i>	<i>13.58</i>	<i>0.04</i>	<i>2.99</i>	<i>0.82</i>
Total Maximum Daily Emissions	16.71	26.00	57.16	0.20	9.42	2.93
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

⁸ Based on Table II-3, Port and Rail Cargo Handling Equipment Demographics by Type, from CARB's Technology Assessment: Mobile Cargo Handling Equipment document, a single piece of equipment could operate up to 2 hours per day (Total Average Annual Activity divided by Total Number Pieces of Equipment). As such, the analysis conservatively assumes that the tractor/loader/backhoe would operate up to 4 hours per day.

TABLE 4-8: SUMMARY OF PEAK OPERATIONAL EMISSIONS (2 OF 2)

Source	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Winter						
Mobile Source	2.15	22.20	29.90	0.23	12.00	3.37
Area Source	9.48	0.00	0.00	0.00	0.00	0.00
Stationary Source	0.98	2.75	2.51	0.00	0.14	0.14
TRU Source	4.17	4.71	0.48	0.01	0.21	0.19
On-Site Equipment Source	0.12	0.38	16.44	0.00	0.03	0.03
Project Maximum Daily Emissions	16.90	30.03	49.34	0.24	12.38	3.73
<i>Existing</i>	<i>2.54</i>	<i>3.29</i>	<i>8.77</i>	<i>0.04</i>	<i>2.98</i>	<i>0.82</i>
Total Maximum Daily Emissions	14.36	26.74	40.57	0.20	9.40	2.91
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

Source: CalEEMod operational-source emissions are presented in Appendix 4.2.

4.6 LOCALIZED SIGNIFICANCE

BACKGROUND ON LST DEVELOPMENT

The analysis makes use of methodology included in the SCAQMD *Final Localized Significance Threshold Methodology* (LST Methodology). The SCAQMD has established that impacts to air quality are significant if there is a potential to contribute or cause localized exceedances of the federal and/or state ambient air quality standards (NAAQS/CAAQS). Collectively, these are referred to as Localized Significance Thresholds (LSTs).

The SCAQMD established LSTs in response to the SCAQMD Governing Board's Environmental Justice Initiative I-4.⁹ LSTs represent the maximum emissions from a project that would not cause or contribute to an exceedance of the most stringent applicable federal or state ambient air quality standard at the nearest residence or sensitive receptor. The SCAQMD states that lead agencies can use the LSTs as another indicator of significance in its air quality impact analyses.

LSTs were developed in response to environmental justice and health concerns raised by the public regarding exposure of individuals to criteria pollutants in local communities. To address the issue of localized significance, the SCAQMD adopted LSTs that show whether a project would cause or contribute to localized air quality impacts and thereby cause or contribute to potential

⁹ The purpose of SCAQMD's Environmental Justice program is to ensure that everyone has the right to equal protection from air pollution and fair access to the decision-making process that works to improve the quality of air within their communities. Further, the SCAQMD defines Environmental Justice as "...equitable environmental policymaking and enforcement to protect the health of all residents, regardless of age, culture, ethnicity, gender, race, socioeconomic status, or geographic location, from the health effects of air pollution."

localized adverse health effects. The analysis makes use of methodology included in the *LST Methodology* (38).

EMISSIONS CONSIDERED

Based on SCAQMD's *LST Methodology*, emissions for concern during construction activities are on-site NO_x, CO, PM_{2.5}, and PM₁₀. The *LST Methodology* clearly states that "off-site mobile emissions from the Project should not be included in the emissions compared to LSTs (39)." As such, for purposes of the construction LST analysis, only emissions included in the CalEEMod "on-site" emissions outputs were considered.

DISPERSION MODELING

In order to estimate localized pollutant concentrations resulting from Project construction, the SCAQMD-approved American Meteorological Society/EPA Regulatory Model (AERMOD) dispersion model was utilized. The modeling approach utilized is discussed as follows:

SOURCES

It should be noted that in order to model worst-case conditions, the highest daily peak on-site emissions resulting from overlapping construction activity were modeled.

A ground level release height and a 1 meter (approximately 3.28 feet) initial vertical dimension (sigma z) were utilized for fugitive dust emissions of PM₁₀ and PM_{2.5} consistent with SCAQMD's LST guidance.

In order to account for equipment exhaust emissions from NO₂, CO, PM₁₀, and PM_{2.5} a release height of 5.0 meters was utilized consistent with SCAQMD's LST guidance.

METEOROLOGICAL DATA AND MODEL OPTIONS

In order to account for meteorological conditions at the Project site, meteorological data from the SCAQMD's Redlands monitoring station was utilized, as this is the nearest station to the Project site for which meteorological data is available. Additionally, a receptor height of 2 meters and regulatory default options were utilized consistent with SCAQMD's LST guidance.

RECEPTORS

As previously stated, LSTs represent the maximum emissions from a project that would not cause or contribute to an exceedance of the most stringent applicable NAAQS and CAAQS at the nearest residence or sensitive receptor. Receptor locations are off-site locations where individuals may be exposed to emissions from Project activities.

Some people are especially sensitive to air pollution and are given special consideration when evaluating air quality impacts from projects. These groups of people include children, the elderly, and individuals with pre-existing respiratory or cardiovascular illness. Structures that house these persons or places where they gather are defined as "sensitive receptors." These structures typically include uses such as residences, hotels, and hospitals where an individual can remain for 24 hours. Consistent with the LST Methodology, the nearest land use where an individual

could remain for 24 hours to the Project site has been used to determine construction and operational air quality impacts for emissions of PM₁₀ and PM_{2.5}, since PM₁₀ and PM_{2.5} thresholds are based on a 24-hour averaging time.

LSTs apply, even for non-sensitive land uses, consistent with *LST Methodology* and SCAQMD guidance. Per the *LST Methodology*, commercial and industrial facilities are not included in the definition of sensitive receptor because employees and patrons do not typically remain on-site for a full 24 hours but are typically on-site for 8 hours or less. However, *LST Methodology* explicitly states that “LSTs based on shorter averaging periods, such as the NO₂ and CO LSTs, could also be applied to receptors such as industrial or commercial facilities since it is reasonable to assume that a worker at these sites could be present for periods of one to eight hours (39).” Therefore, any adjacent land use where an individual could remain for 1 or 8 hours, that is located at a closer distance to the Project site than the receptor used for PM₁₀ and PM_{2.5} analysis, must be considered to determine construction and operational LST air impacts for emissions of NO₂ and CO since these pollutants have an averaging time of 1 and 8 hours.

PROJECT-RELATED RECEPTORS

Receptors in the Project study area are described below and shown on Exhibit 4-A. Localized air quality impacts were evaluated at sensitive receptor land uses nearest the Project site. All distances are measured from the Project site boundary to the outdoor living areas (e.g., backyards) or at the building façade, whichever is closer to the Project site.

- R1: Location R1 represents the existing residence at 13688 3rd Street, approximately 1,515 feet northwest of the Project site. Receptor R1 is placed in the private outdoor living areas (backyards) facing the Project site.
- R2: Location R2 represents the existing residence at 5311 Anderson Street, approximately 1,464 feet northeast of the Project site. Receptor R2 is placed in the private outdoor living areas (backyards) facing the Project site.
- R3: Location R3 represents Ayala Park located at 5665 Edison Avenue, approximately 1,515 feet southeast of the Project site.
- R4: Location R4 represents the Church of Southland Chino Campus at 5171 Edison Avenue, approximately 524 feet southeast of the Project site.
- R5: Location R5 represents the Omnia Leather furniture store located at 4900 Edison Avenue, approximately 53 feet west of the Project site.
- R6: Location R6 represents the Royal Customs Design furniture manufacturing facility located at 13951 Monte Vista Avenue, approximately 36 feet west of the Project site.

The SCAQMD recommends that the nearest sensitive receptor be considered when determining a Project’s impact. The nearest land use where an individual could remain for 24 hours to the Project site has been used to determine localized construction and operational air quality impacts for emissions of PM₁₀ and PM_{2.5} (since PM₁₀ and PM_{2.5} thresholds are based on a 24-hour averaging time).

EXHIBIT 4-A: RECEPTOR LOCATIONS



As previously stated, and consistent with LST Methodology, the nearest industrial/commercial use to the Project site is used to determine construction and operational LST air impacts for emissions of NO_x and CO as the averaging periods for these pollutants are shorter (8 hours or less) and it is reasonable to assumed that an individual could be present at these sites for periods of one to 8 hours.

4.7 CONSTRUCTION-SOURCE EMISSIONS LST ANALYSIS

Emissions during the peak construction activity will not exceed the SCAQMD's localized significance thresholds at the maximally exposed receptor location, as illustrated in Table 4-9. All other modeled locations in the study area would experience a lesser concentration and consequently a lesser impact. As such, the Project's localized impacts during construction activity would be less than significant. Outputs from the model runs for construction LSTs are provided in Appendix 4.1.

TABLE 4-9: LOCALIZED SIGNIFICANCE SUMMARY PEAK CONSTRUCTION

Peak Construction	CO		NO ₂	PM ₁₀	PM _{2.5}
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	0.10	0.03	3.30E-02	5.14	2.45
Background Concentration ^A	1.9	1.4	0.069		
Total Concentration	2.00	1.43	0.10	5.14	2.45
SCAQMD Localized Significance Threshold	20	9	0.18	10.4	10.4
Threshold Exceeded?	NO	NO	NO	NO	NO

^A Highest concentration from the last three years of available data.

Notes: PM₁₀ and PM_{2.5} concentrations are expressed in µg/m³. All others are expressed in ppm.

Based on SCAQMD's LST Methodology, background concentrations are considered only for CO and NO₂.

4.8 OPERATIONAL-SOURCE EMISSIONS LST ANALYSIS

The LST analysis generally includes on-site sources (area, energy, mobile, and on-site cargo handling equipment are previously discussed in Section 4.5 of this report). However, it should be noted that the CalEEMod outputs do not separate on-site and off-site emissions from mobile sources. As such, to establish a maximum potential impact scenario for analytic purposes, the modeled emissions include all on-site Project-related stationary (area) sources and on-site Project-related mobile emissions. In order to account for on-site mobile emissions, a trip length of 0.5 miles was utilized for both trucks and passenger cars. Outputs from the model runs for operational LSTs are provided in Appendix 4.3.

In order to account for any potential impacts to on-site receptors as a result of operational activity, a scenario conservatively assuming 2027 emissions was analyzed. As shown in Table 4-10 below, emissions would not exceed SCAQMD's localized significance thresholds at the maximally exposed on-site receptors as a result of operational activities.

TABLE 4-10: LOCALIZED SIGNIFICANCE SUMMARY PEAK OPERATIONS

Peak Construction	CO		NO ₂	PM ₁₀	PM _{2.5}
	Averaging Time				
	1-Hour	8-Hour	1-Hour	24-Hours	24-Hours
Peak Day Localized Emissions	4.97E-02	1.64E-01	1.85E-02	2.29	0.73
Background Concentration ^A	1.9	1.4	0.069		
Total Concentration	1.95	1.56	0.09	2.29	0.73
SCAQMD Localized Significance Threshold	20	9	0.18	2.5	2.5
Threshold Exceeded?	NO	NO	NO	NO	NO

^A Highest concentration from the last three years of available data.

Notes: PM₁₀ and PM_{2.5} concentrations are expressed in µg/m³. All others are expressed in ppm.

Based on SCAQMD's LST Methodology, background concentrations are considered only for CO and NO₂.

4.9 COMPARISON TO GENERAL PLAN ENVIRONMENTAL IMPACT REPORT LAND USES

The Project is proposing an addendum to the City's current General Plan Environmental Impact Report (EIR). The General Plan identifies a land use designation of General Industrial which allows up to 0.6 floor area ratio (FAR) of development on the site. The Project site is 18.11 acres which equates to 473,323 square feet of General Industrial uses comprised of 236,662 square feet of General Light Industrial use and 236,661 square feet of Warehousing use that could be allowed under the current General Plan. Table 4-11 summarizes the operational emissions associated with 473,323 square feet of General Industrial uses comprised of 236,662 square feet of General Light Industrial use and 236,661 square feet of Warehousing use as allowed under the current General Plan. Model outputs from the model runs for the land uses associated with the General Plan are provided in Appendix 4.4.

Table 4-12 shows the emissions comparison between the 473,323 square feet of General Industrial (236,662 square feet of General Light Industrial use + 236,661 square feet of Warehousing) as allowed under the current General Plan to the proposed Project's 390,778 square-foot warehouse building (comprising of 98,808 square feet of high-cube cold storage warehouse use and 296,442 square feet of warehousing use). As shown, the Project is anticipated to generate fewer emissions per day for pollutants of VOC, NO_x, CO, SO_x, PM₁₀, and PM_{2.5} as compared to the emissions than what could occur with the allowable use under the current General Plan. The General Plan land use assumption has conservatively assumed a lower generating land use category. In other words, if the General Plan land use is more intense than that presented in Table 4-11 via a more intense land use category such as all General Light Industrial or Manufacturing or the square footage is increased, then the net change in emissions shown in Table 4-12 would be a higher negative value (resulting in a greater net reduction from the proposed Project).

TABLE 4-11: SUMMARY OF PEAK OPERATIONAL EMISSIONS (GENERAL PLAN)

Source	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
Mobile Source	5.59	20.40	76.00	0.31	21.00	5.62
Area Source	14.80	0.17	20.60	0.00	0.04	0.03
Energy Source	0.22	3.93	3.31	0.02	0.30	0.30
Stationary Source	1.97	5.50	5.02	0.01	0.29	0.29
On-Site Equipment Source	0.23	0.75	32.89	0.00	0.06	0.05
Total Maximum Daily Emissions	22.81	30.75	137.82	0.34	21.69	6.29
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO
Winter						
Mobile Source	5.33	21.50	63.30	0.29	21.00	5.62
Area Source	11.40	0.00	0.00	0.00	0.00	0.00
Energy Source	0.22	3.93	3.31	0.02	0.30	0.30
Stationary Source	1.97	5.50	5.02	0.01	0.29	0.29
On-Site Equipment Source	0.23	0.75	32.89	0.00	0.06	0.05
Total Maximum Daily Emissions	19.15	31.68	104.52	0.32	21.65	6.26
SCAQMD Regional Threshold	55	55	550	150	150	55
Threshold Exceeded?	NO	NO	NO	NO	NO	NO

TABLE 4-12: OPERATIONAL EMISSIONS COMPARISON (GENERAL PLAN VS. PROPOSED PROJECT)

Source	Emissions (lbs/day)					
	VOC	NO _x	CO	SO _x	PM ₁₀	PM _{2.5}
Summer						
General Plan	22.81	30.75	137.82	0.34	21.69	6.29
Proposed Project	19.82	29.17	70.74	0.24	12.41	3.75
Variance (Proposed – General Plan)	-2.99	-1.58	-67.08	-0.10	-9.28	-2.55
Winter						
General Plan	19.15	31.68	104.52	0.32	21.65	6.26
Proposed Project	16.90	30.03	49.34	0.24	12.38	3.73
Variance (Proposed – General Plan)	-2.25	-1.65	-55.18	-0.08	-9.27	-2.54

4.10 CO “HOT SPOT” ANALYSIS

As discussed below, the Project would not result in potentially adverse CO concentrations or “hot spots.” Further, detailed modeling of Project-specific CO “hot spots” is not needed to reach this conclusion. An adverse CO concentration, known as a “hot spot”, would occur if an exceedance of the state one-hour standard of 20 ppm or the eight-hour standard of 9 ppm were to occur.

It has long been recognized that CO hotspots are caused by vehicular emissions, primarily when idling at congested intersections. In response, vehicle emissions standards have become increasingly stringent in the last twenty years. Currently, the allowable CO emissions standard in California is a maximum of 3.4 grams/mile for passenger cars (there are requirements for certain vehicles that are more stringent). With the turnover of older vehicles, introduction of cleaner fuels, and implementation of increasingly sophisticated and efficient emissions control technologies, CO concentration in the SCAB is now designated as attainment. To establish a more accurate record of baseline CO concentrations affecting the SCAB, a CO “hot spot” analysis was conducted in 2003 for four busy intersections in Los Angeles at the peak morning and afternoon time periods. This “hot spot” analysis did not predict any violation of CO standards, as shown on Table 4-13.

TABLE 4-13: CO MODEL RESULTS

Intersection Location	CO Concentrations (ppm)		
	Morning 1-hour	Afternoon 1-hour	8-hour
Wilshire Boulevard/Veteran Avenue	4.6	3.5	3.7
Sunset Boulevard/Highland Avenue	4	4.5	3.5
La Cienega Boulevard/Century Boulevard	3.7	3.1	5.2
Long Beach Boulevard/Imperial Highway	3	3.1	8.4

Source: 2003 AQMP, Appendix V: Modeling and Attainment Demonstrations

Notes: Federal 1-hour standard is 35 ppm and the deferral 8-hour standard is 9.0 ppm.

Based on the SCAQMD's 2003 AQMP and the 1992 Federal Attainment Plan for Carbon Monoxide (*1992 CO Plan*), peak carbon monoxide concentrations in the SCAB were a result of unusual meteorological and topographical conditions and not a result of traffic volumes and congestion at a particular intersection. As evidence of this, for example, 8.4 ppm 8-hr CO concentration measured at the Long Beach Blvd. and Imperial Hwy. intersection (highest CO generating intersection within the “hot spot” analysis), only 0.7 ppm was attributable to the traffic volumes and congestion at this intersection; the remaining 7.7 ppm were due to the ambient air measurements at the time the 2003 AQMP was prepared (40). In contrast, an adverse CO concentration, known as a “hot spot”, would occur if an exceedance of the state one-hour standard of 20 parts per million (ppm) or the eight-hour standard of 9 ppm were to occur.

The ambient 1-hr and 8-hr CO concentration within the Project study area is estimated to be 1.3 ppm and 1.0 ppm, respectively (data from the Southwest San Bernardino Valley 1 monitoring station for 2022). Therefore, even if the traffic volumes for the proposed Project were double or

even triple of the traffic volumes generated at the Long Beach Blvd. and Imperial Hwy. intersection, coupled with the on-going improvements in ambient air quality, the Project would not be capable of resulting in a CO “hot spot” at any study area intersections.

Similar considerations are also employed by other Air Districts when evaluating potential CO concentration impacts. More specifically, the Bay Area Air Quality Management District (BAAQMD) concludes that under existing and future vehicle emission rates, a given project would have to increase traffic volumes at a single intersection by more than 44,000 vehicles per hour (vph)—or 24,000 vph where vertical and/or horizontal air does not mix—in order to generate a significant CO impact (41). Traffic volumes generating the CO concentrations for the “hot spot” analysis is shown on Table 4-14. The busiest intersection evaluated was that at Wilshire Boulevard and Veteran Avenue, which has a daily traffic volume of approximately 100,000 vph and AM/PM traffic volumes of 8,062 vph and 7,719 vph respectively (40). The 2003 AQMP estimated that the 1-hour concentration for this intersection was 4.6 ppm; this indicates that, should the daily traffic volume increase four times to 400,000 vehicles per day, CO concentrations ($4.6 \text{ ppm} \times 4 = 18.4 \text{ ppm}$) would still not likely exceed the most stringent 1-hour CO standard (20.0 ppm)¹⁰.

¹⁰ Based on the ratio of the CO standard (20.0 ppm) and the modeled value (4.6 ppm)

TABLE 4-14: TRAFFIC VOLUMES

Intersection Location	Peak Traffic Volumes (vph)				
	Eastbound (AM/PM)	Westbound (AM/PM)	Southbound (AM/PM)	Northbound (AM/PM)	Total (AM/PM)
Wilshire Boulevard/Veteran Avenue	4,954/2,069	1,830/3,317	721/1,400	560/933	8,062/7,719
Sunset Boulevard/Highland Avenue	1,417/1,764	1,342/1,540	2,304/1,832	1,551/2,238	6,614/5,374
La Cienega Boulevard/Century Boulevard	2,540/2,243	1,890/2,728	1,384/2,029	821/1,674	6,634/8,674
Long Beach Boulevard/Imperial Highway	1,217/2,020	1,760/1,400	479/944	756/1,150	4,212/5,514

Source: 2003 AQMP

As summarized on Table 4-15 below, the intersection of Central Avenue and Edison Avenue would have the highest AM/PM traffic volumes of 3,560 vph and 4,419 vph respectively. As such, Total traffic volumes at the intersections considered are less than the traffic volumes identified in the 2003 AQMP. As such, the Project considered herein along with background and cumulative development would not produce the volume of traffic required to generate a CO “hot spot” either in the context of the 2003 Los Angeles hot spot study or based on representative BAAQMD CO threshold considerations. Therefore, CO “hot spots” are not an environmental impact of concern for the Project. Localized air quality impacts related to mobile-source emissions would therefore be less than significant.

TABLE 4-15: PEAK HOUR TRAFFIC VOLUMES

Intersection Location	Peak Traffic Volumes (vph)				
	Northbound (AM/PM)	Southbound (AM/PM)	Eastbound (AM/PM)	Westbound (AM/PM)	Total (AM/PM)
Monte Vista Avenue/ Edison Avenue	184/289	314/241	721/1,245	713/843	1,931/2,617
Driveway 2/Edison Avenue	0/0	7/31	667/1,223	754/815	1,429/2,069
Telephone Avenue/Edison Avenue	25/51	0/0	663/1,242	790/794	1,478/2,087
Central Avenue/Edison Avenue	1,211/1,397	949/971	559/1,248	840/802	3,560/4,419

Source: Chino Distribution Center Traffic Analysis (Urban Crossroads, Inc., 2024)

4.11 AQMP

The Project site is located within the SCAB, which is characterized by relatively poor air quality. The SCAQMD has jurisdiction over an approximately 10,743 square-mile area consisting of the four-county Basin and the Los Angeles County and Riverside County portions of what use to be referred to as the Southeast Desert Air Basin. In these areas, the SCAQMD is principally responsible for air pollution control, and works directly with the SCAG, county transportation commissions, local governments, as well as state and federal agencies to reduce emissions from stationary, mobile, and indirect sources to meet state and federal ambient air quality standards.

Currently, these state and federal air quality standards are exceeded in most parts of the SCAB. In response, the SCAQMD has adopted a series of AQMPs to meet the state and federal ambient air quality standards. AQMPs are updated regularly in order to more effectively reduce emissions, accommodate growth, and to minimize any negative fiscal impacts of air pollution control on the economy.

In December 2022, the SCAQMD released the *Final 2022 AQMP (2022 AQMP)*. The *2022 AQMP* continues to evaluate current integrated strategies and control measures to meet the CAAQS, as well as explore new and innovative methods to reach its goals. Some of these approaches include utilizing incentive programs, recognizing existing co-benefit programs from other sectors, and developing a strategy with fair-share reductions at the federal, state, and local levels (42). Similar to the 2016 AQMP, the *2022 AQMP* incorporates scientific and technological information and planning assumptions, including the *2020-2045 RTP/SCS*, a planning document that supports the integration of land use and transportation to help the region meet the federal CAA requirements (43). The Project's consistency with the AQMP will be determined using the *2022 AQMP* as discussed below.

Criteria for determining consistency with the AQMP are defined in Chapter 12, Section 12.2 and Section 12.3 of the *1993 CEQA Handbook* (44). These indicators are discussed below:

4.11.1 CONSISTENCY CRITERION NO. 1

The proposed Project will not result in an increase in the frequency or severity of existing air quality violations or cause or contribute to new violations or delay the timely attainment of air quality standards or the interim emissions reductions specified in the AQMP.

The violations that Consistency Criterion No. 1 refer to are the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if regional or localized significance thresholds were exceeded.

Construction Impacts – Consistency Criterion 1

Consistency Criterion No. 1 refers to violations of the CAAQS and NAAQS. CAAQS and NAAQS violations would occur if localized or regional significance thresholds were exceeded. As evaluated, the Project's localized and regional construction-source emissions would not exceed applicable regional significance threshold and LST thresholds. As such, a less than significant impact is expected.

Operational Impacts – Consistency Criterion 1

As evaluated, the Project's localized and regional operation-source emissions would not exceed applicable regional significance threshold and LST thresholds. As such, a less than significant impact is expected.

On the basis of the preceding discussion, the Project is determined to be consistent with the first criterion.

4.11.2 CONSISTENCY CRITERION NO. 2

The Project will not exceed the assumptions in the AQMP based on the years of Project build-out phase.

The AQMP demonstrates that the applicable ambient air quality standards can be achieved within the timeframes required under federal law. Growth projections from local general plans adopted by cities in the district are provided to the SCAG, which develops regional growth forecasts, which are then used to develop future air quality forecasts for the AQMP. Development consistent with the growth projections in City of Chino General Plan is considered to be consistent with the AQMP.

Construction Impacts – Consistency Criterion 2

Peak day emissions generated by construction activities are largely independent of land use assignments, but rather are a function of development scope and maximum area of disturbance. Irrespective of the site's land use designation, development of the site to its maximum potential would likely occur, with disturbance of the entire site occurring during construction activities. As such, when considering that no emissions thresholds will be exceeded, a less than significant impact would result.

Operational Impacts – Consistency Criterion 2

The Project site is designated for General Industrial uses. The Project is currently proposed to consist of the development of a 394,230 square foot warehouse building which is consistent with the proposed uses allowed under the land use designation and therefore, the Project does not propose or require amendment of the site's underlying land use designation.

On the basis of the preceding discussion, the Project is determined to be consistent with the second criterion.

AQMP CONSISTENCY CONCLUSION

The Project would not have the potential to result in or cause NAAQS or CAAQS violations. The Project's proposed uses are consistent with the City's General Plan land use designation, and the proposed intensity is below the maximum density allowed by the City's General Plan. Additionally, the Project would not exceed the regional or localized construction and operational thresholds, as such, the Project's development intensity is consistent with the development intensities allowed within the General Plan as previously stated. As such, the Project is considered to be consistent with the AQMP.

4.12 POTENTIAL IMPACTS TO SENSITIVE RECEPTORS

The potential impact of Project-generated air pollutant emissions at sensitive receptors has also been considered. Results of the LST analysis indicate that the Project would not exceed the SCAQMD localized significance thresholds during construction. Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations during Project construction.

Additionally, the Project would not exceed the SCAQMD localized significance thresholds during operational activity. Further Project traffic would not create or result in a CO “hotspot.” Therefore, sensitive receptors would not be exposed to substantial pollutant concentrations as the result of Project operations.

4.12.1 FRIANT RANCH CASE

In December 2018, in the case of *Sierra Club v. County of Fresno* (2018) 6 Cal.5th 502, the California Supreme Court held that an Environmental Impact Report’s (EIR) air quality analysis must meaningfully connect the identified air quality impacts to the human health consequences of those impacts, or meaningfully explain why that analysis cannot be provided.

Most local agencies, including the County of San Bernardino, lack the data to do their own assessment of potential health impacts from criteria air pollutant emissions, as would be required to establish customized, locally-specific thresholds of significance based on potential health impacts from an individual development project. The use of national or “generic” data to fill the gap of missing local data would not yield accurate results because such data does not capture local air patterns, local background conditions, or local population characteristics, all of which play a role in how a population experiences air pollution. Because it is impracticable to accurately isolate the exact cause of a human disease (for example, the role a particular air pollutant plays compared to the role of other allergens and genetics in causing asthma), existing scientific tools cannot accurately estimate health impacts of the Project’s air emissions without undue speculation. Instead, readers are directed to the Project’s air quality impact analysis above, which provides extensive information concerning the quantifiable and non-quantifiable health risks related to the Project’s construction and long-term operation.

Notwithstanding, this AQIA does evaluate the proposed Project’s localized impact to air quality for emissions of CO, NO_x, PM₁₀, and PM_{2.5} by comparing the proposed project’s on-site emissions to the SCAQMD’s applicable LST thresholds. The LST analysis above determined that the Project would not result in emissions exceeding SCAQMD’s LSTs. Therefore, the proposed Project would not be expected to exceed the most stringent applicable federal or state ambient air quality standards for emissions of CO, NO_x, PM₁₀, and PM_{2.5}.

As the Project’s emissions would comply with federal, state, and local air quality standards, the proposed Project’s emissions are not sufficiently high enough to use a regional modeling program to correlate health effects on a basin-wide level and would not provide a reliable indicator of health effects if modeled.

4.13 ODORS

The potential for the Project to generate objectionable odors has also been considered. Land uses generally associated with odor complaints include:

- Agricultural uses (livestock and farming)
- Wastewater treatment plants
- Food processing plants

- Chemical plants
- Composting operations
- Refineries
- Landfills
- Dairies
- Fiberglass molding facilities

The Project does not contain land uses typically associated with emitting objectionable odors. Potential odor sources associated with the proposed Project may result from construction equipment exhaust and the application of asphalt and architectural coatings during construction activities and the temporary storage of typical solid waste (refuse) associated with the proposed Project's (long-term operational) uses. Standard construction requirements would minimize odor impacts from construction. The construction odor emissions would be temporary, short-term, and intermittent in nature and would cease upon completion of the respective phase of construction and is thus considered less than significant. It is expected that Project-generated refuse would be stored in covered containers and removed at regular intervals in compliance with current solid waste regulations. The proposed Project would also be required to comply with SCAQMD Rule 402 to prevent occurrences of public nuisances. Therefore, odors and other emissions (such as those leading to odors) associated with construction and operations activities of the proposed Project would be less than significant and no mitigation is required (45).

4.14 CUMULATIVE IMPACTS

As previously shown in Table 2-3, the CAAQS designate the Project site as nonattainment for O₃, PM₁₀, and PM_{2.5} while the NAAQS designates the Project site as nonattainment for O₃ and PM_{2.5}.

The SCAQMD has published a report on how to address cumulative impacts from air pollution: *White Paper on Potential Control Strategies to Address Cumulative Impacts from Air Pollution* (46). In this report the SCAQMD clearly states (Page D-3):

"...the SCAQMD uses the same significance thresholds for project specific and cumulative impacts for all environmental topics analyzed in an Environmental Assessment or EIR. The only case where the significance thresholds for project specific and cumulative impacts differ is the Hazard Index (HI) significance threshold for TAC emissions. The project specific (project increment) significance threshold is HI > 1.0 while the cumulative (facility-wide) is HI > 3.0. It should be noted that the HI is only one of three TAC emission significance thresholds considered (when applicable) in a CEQA analysis. The other two are the maximum individual cancer risk (MICR) and the cancer burden, both of which use the same significance thresholds (MICR of 10 in 1 million and cancer burden of 0.5) for project specific and cumulative impacts.

Projects that exceed the project-specific significance thresholds are considered by the SCAQMD to be cumulatively considerable. This is the reason project-specific and

cumulative significance thresholds are the same. Conversely, projects that do not exceed the project-specific thresholds are generally not considered to be cumulatively significant.”

Therefore, this analysis assumes that individual projects that do not generate operational or construction emissions that exceed the SCAQMD’s recommended daily thresholds for project-specific impacts would also not cause a cumulatively considerable increase in emissions for those pollutants for which SCAB is in nonattainment, and, therefore, would not be considered to have a significant, adverse air quality impact. Alternatively, individual project-related construction and operational emissions that exceed SCAQMD thresholds for project-specific impacts would be considered cumulatively considerable.

CONSTRUCTION IMPACTS

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that proposed Project construction-source air pollutant emissions would not result in exceedances of regional thresholds. Therefore, proposed Project construction-source emissions would be considered less than significant on a Project-specific and cumulative basis.

OPERATIONAL IMPACTS

The Project-specific evaluation of emissions presented in the preceding analysis demonstrates that proposed Project operation-source air pollutant emissions would not result in exceedances of regional thresholds. Therefore, proposed Project operation-source emissions would be considered less than significant on a project-specific and cumulative basis.

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6 CERTIFICATIONS

The contents of this air study report represent an accurate depiction of the environmental impacts associated with the proposed Chino Distribution Center. The information contained in this air quality impact assessment report is based on the best available data at the time of preparation. If you have any questions, please contact me directly at hqureshi@urbanxroads.com

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Master of Science in Environmental Studies
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AEP – Association of Environmental Professionals
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Planned Communities and Urban Infill – Urban Land Institute • June 2011
Indoor Air Quality and Industrial Hygiene – EMSL Analytical • April 2008
Principles of Ambient Air Monitoring – CARB • August 2007
AB2588 Regulatory Standards – Trinity Consultants • November 2006
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APPENDIX 2.1:

STATE/FEDERAL ATTAINMENT STATUS OF CRITERIA POLLUTANTS

Appendix C

Maps and Tables of Area Designations for State and National Ambient Air Quality Standards

Appendix C

Maps and Tables of Area Designations for State and National Ambient Air Quality Standards

This attachment fulfills the requirement of Health and Safety Code section 40718 for CARB to publish maps that identify areas where one or more violations of any State ambient air quality standard (State standard) or national ambient air quality standard (national standard) have been measured. The national standards are those promulgated under section 109 of the federal Clean Air Act (42 U.S.C. 7409).

This attachment is divided into three parts. The first part comprises a table showing the levels, averaging times, and measurement methods for each of the State and national standards. This is followed by a section containing maps and tables showing the area designations for each pollutant for which there is a State standard in the California Code of Regulations, title 17, section 70200. The last section contains maps and tables showing the most current area designations for the national standards.

(Updated 5/4/16)

Ambient Air Quality Standards						
Pollutant	Averaging Time	California Standards ¹		National Standards ²		
		Concentration ³	Method ⁴	Primary ^{3,5}	Secondary ^{3,6}	Method ⁷
Ozone (O ₃) ⁸	1 Hour	0.09 ppm (180 µg/m³)	Ultraviolet Photometry	—	Same as Primary Standard	Ultraviolet Photometry
	8 Hour	0.070 ppm (137 µg/m³)		0.070 ppm (137 µg/m³)		
Respirable Particulate Matter (PM10) ⁹	24 Hour	50 µg/m³	Gravimetric or Beta Attenuation	150 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	20 µg/m³		—		
Fine Particulate Matter (PM2.5) ⁹	24 Hour	—	—	35 µg/m³	Same as Primary Standard	Inertial Separation and Gravimetric Analysis
	Annual Arithmetic Mean	12 µg/m³	Gravimetric or Beta Attenuation	12.0 µg/m³	15 µg/m³	
Carbon Monoxide (CO)	1 Hour	20 ppm (23 mg/m³)	Non-Dispersive Infrared Photometry (NDIR)	35 ppm (40 mg/m³)	—	Non-Dispersive Infrared Photometry (NDIR)
	8 Hour	9.0 ppm (10 mg/m³)		9 ppm (10 mg/m³)	—	
	8 Hour (Lake Tahoe)	6 ppm (7 mg/m³)		—	—	
Nitrogen Dioxide (NO ₂) ¹⁰	1 Hour	0.18 ppm (339 µg/m³)	Gas Phase Chemiluminescence	100 ppb (188 µg/m³)	—	Gas Phase Chemiluminescence
	Annual Arithmetic Mean	0.030 ppm (57 µg/m³)		0.053 ppm (100 µg/m³)	Same as Primary Standard	
Sulfur Dioxide (SO ₂) ¹¹	1 Hour	0.25 ppm (655 µg/m³)	Ultraviolet Fluorescence	75 ppb (196 µg/m³)	—	Ultraviolet Fluorescence; Spectrophotometry (Pararosaniline Method)
	3 Hour	—		—	0.5 ppm (1300 µg/m³)	
	24 Hour	0.04 ppm (105 µg/m³)		0.14 ppm (for certain areas) ¹¹	—	
	Annual Arithmetic Mean	—		0.030 ppm (for certain areas) ¹¹	—	
Lead ^{12,13}	30 Day Average	1.5 µg/m³	Atomic Absorption	—	—	High Volume Sampler and Atomic Absorption
	Calendar Quarter	—		1.5 µg/m³ (for certain areas) ¹²	Same as Primary Standard	
	Rolling 3-Month Average	—		0.15 µg/m³		
Visibility Reducing Particles ¹⁴	8 Hour	See footnote 14	Beta Attenuation and Transmittance through Filter Tape	No National Standards		
Sulfates	24 Hour	25 µg/m³	Ion Chromatography			
Hydrogen Sulfide	1 Hour	0.03 ppm (42 µg/m³)	Ultraviolet Fluorescence			
Vinyl Chloride ¹²	24 Hour	0.01 ppm (26 µg/m³)	Gas Chromatography			
See footnotes on next page ...						

1. California standards for ozone, carbon monoxide (except 8-hour Lake Tahoe), sulfur dioxide (1- and 24-hour), nitrogen dioxide, and particulate matter (PM₁₀, PM_{2.5}, and visibility reducing particles), are values that are not to be exceeded. All others are not to be equaled or exceeded. California ambient air quality standards are listed in the Table of Standards in Section 70200 of Title 17 of the California Code of Regulations.
2. National standards (other than ozone, particulate matter, and those based on annual arithmetic mean) are not to be exceeded more than once a year. The ozone standard is attained when the fourth highest 8-hour concentration measured at each site in a year, averaged over three years, is equal to or less than the standard. For PM₁₀, 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 one. For PM_{2.5}, the 24-hour standard is attained when 98 percent of the daily concentrations, averaged over three years, are equal to or less than the standard. Contact the U.S. EPA for further clarification and current national policies.
3. Concentration expressed first in units in which it was promulgated. Equivalent units given in parentheses are based upon 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.
4. Any equivalent measurement method which can be shown to the satisfaction of the CARB to give equivalent results at or near the level of the air quality standard may be used.
5. National Primary Standards: The levels of air quality necessary, with an adequate margin of safety to protect the public health.
6. National Secondary Standards: The levels of air quality necessary to protect the public welfare from any known or anticipated adverse effects of a pollutant.
7. Reference method as described by the U.S. EPA. An "equivalent method" of measurement may be used but must have a "consistent relationship to the reference method" and must be approved by the U.S. EPA.
8. On October 1, 2015, the national 8-hour ozone primary and secondary standards were lowered from 0.075 to 0.070 ppm.
9. On December 14, 2012, the national annual PM_{2.5} primary standard was lowered from 15 µg/m³ to 12.0 µg/m³. The existing national 24-hour PM_{2.5} standards (primary and secondary) were retained at 35 µg/m³, as was the annual secondary standard of 15 µg/m³. The existing 24-hour PM₁₀ standards (primary and secondary) of 150 µg/m³ also were retained. The form of the annual primary and secondary standards is the annual mean, averaged over 3 years.
10. To attain the 1-hour national standard, the 3-year average of the annual 98th percentile of the 1-hour daily maximum concentrations at each site must not exceed 100 ppb. Note that the national 1-hour standard is in units of parts per billion (ppb). California standards are in units of parts per million (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.
11. On June 2, 2010, a new 1-hour SO₂ standard was established and the existing 24-hour and annual primary standards were revoked. To attain the 1-hour national 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 SO₂ national standards (24-hour and annual) remain in effect until one year after an area is designated for the 2010 standard, except that in areas designated nonattainment for the 1971 standards, the 1971 standards remain in effect until implementation plans to attain or maintain the 2010 standards are approved.

Note that the 1-hour national standard is in units of parts per billion (ppb). California standards are in units of parts per million (ppm). To directly compare the 1-hour national standard to the California standard the units can be converted to ppm. In this case, the national standard of 75 ppb is identical to 0.075 ppm.
12. The CARB has identified lead and vinyl chloride as 'toxic air contaminants' 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.
13. The national standard for lead was revised on October 15, 2008 to a rolling 3-month average. The 1978 lead standard (1.5 µg/m³ as a quarterly average) remains in effect until one 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.
14. In 1989, the CARB converted both the general statewide 10-mile visibility standard and the Lake Tahoe 30-mile visibility standard to instrumental equivalents, which are "extinction of 0.23 per kilometer" and "extinction of 0.07 per kilometer" for the statewide and Lake Tahoe Air Basin standards, respectively.

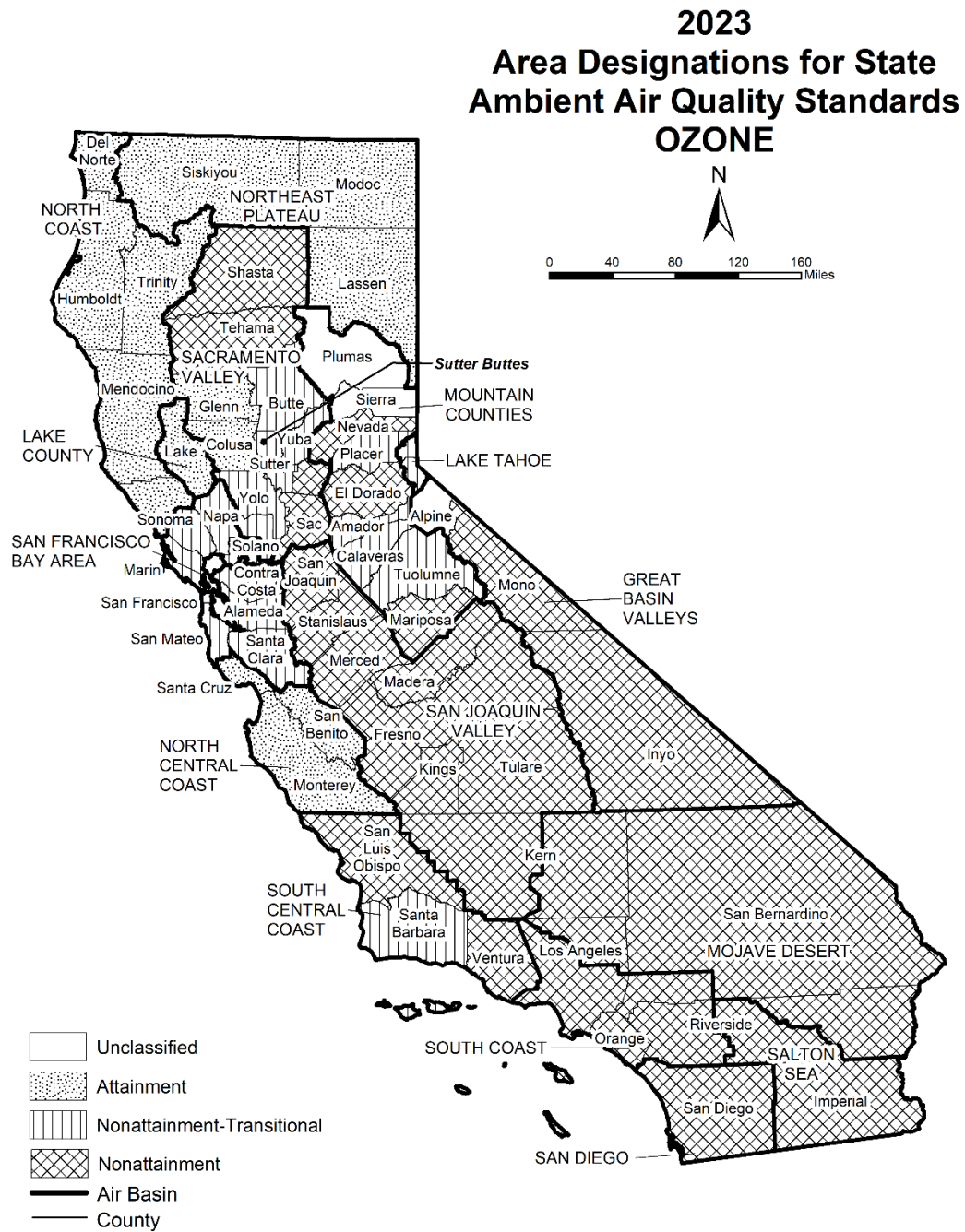
Area Designations for the State Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a State standard set forth in the California Code of Regulations, title 17, section 60200. Each area is identified as attainment, nonattainment, nonattainment-transitional, or unclassified for each pollutant, as shown below:

Designation	Abbreviation
Attainment	A
Nonattainment	N
Nonattainment-Transitional	NA-T
Unclassified	U

In general, CARB designates areas by air basin for pollutants with a regional impact and by county for pollutants with a more local impact. However, when there are areas within an air basin or county with distinctly different air quality deriving from sources and conditions not affecting the entire air basin or county, CARB may designate a smaller area. Generally, when boundaries of the designated area differ from the air basin or county boundaries, the description of the specific area is referenced at the bottom of the summary table.

Figure 1



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

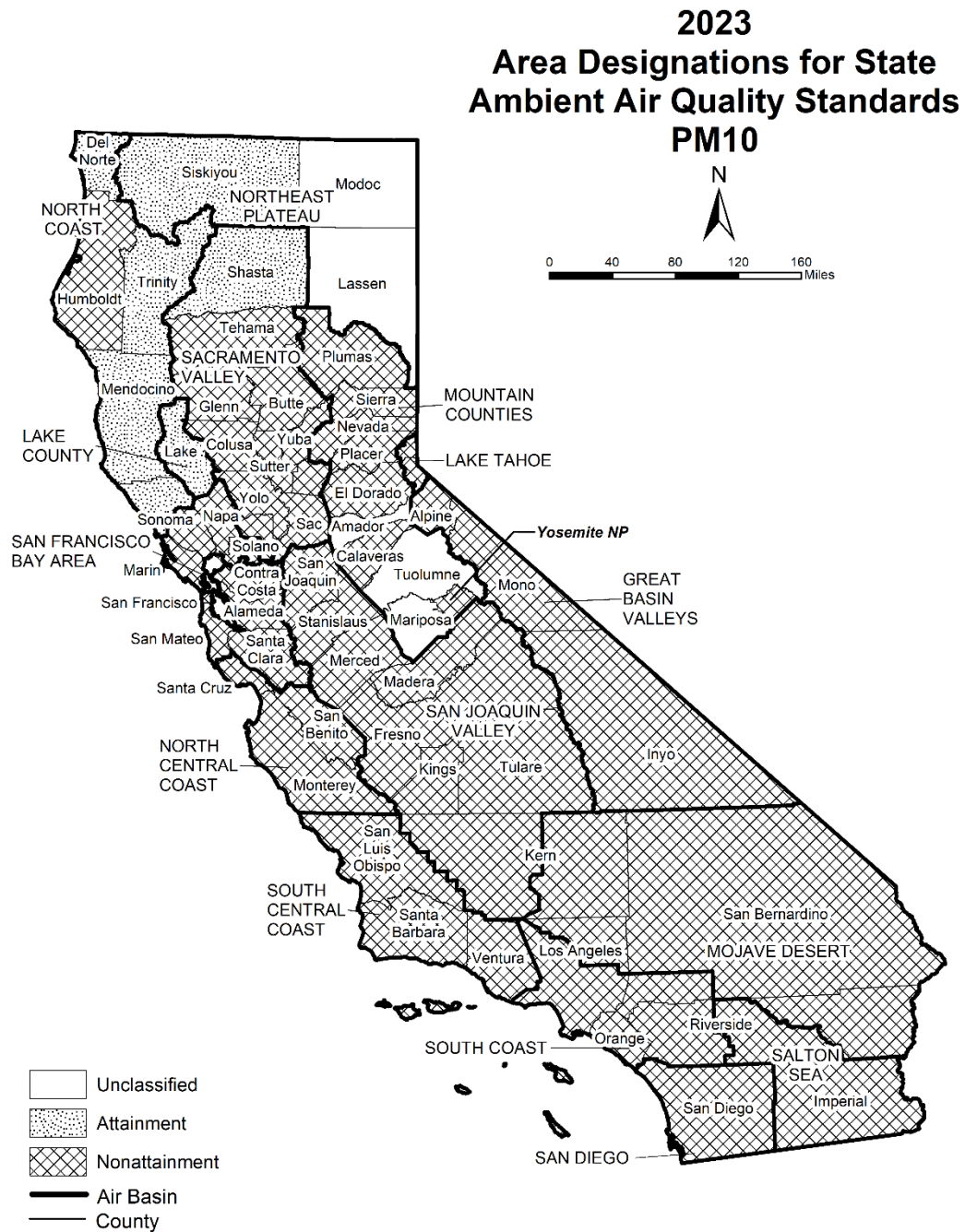
Table 1
California Ambient Air Quality Standards Area Designations for
Ozone¹

Area	N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN				
Alpine County			U	
Inyo County	N			
Mono County	N			
LAKE COUNTY AIR BASIN				A
LAKE TAHOE AIR BASIN		NA-T		
MOJAVE DESERT AIR BASIN	N			
MOUNTAIN COUNTIES AIR BASIN				
Amador County		NA-T		
Calaveras County		NA-T		
El Dorado County (portion)	N			
Mariposa County	N			
Nevada County	N			
Placer County (portion)		NA-T		
Plumas County			U	
Sierra County			U	
Tuolumne County		NA-T		
NORTH CENTRAL COAST AIR BASIN				A
NORTH COAST AIR BASIN				A
NORTHEAST PLATEAU AIR BASIN				A

Area	N	NA-T	U	A
SACRAMENTO VALLEY AIR BASIN				
Butte County		NA-T		
Colusa and Glenn Counties				A
Shasta County	N			
Sutter/Yuba Counties				
Sutter Buttes		NA-T		
Remainder of Sutter County		NA-T		
Yuba County		NA-T		
Yolo/Solano Counties		NA-T		
Remainder of Air Basin	N			
SALTON SEA AIR BASIN	N			
SAN DIEGO AIR BASIN	N			
SAN FRANCISCO BAY AREA AIR BASIN		NA-T		
SAN JOAQUIN VALLEY AIR BASIN	N			
SOUTH CENTRAL COAST AIR BASIN				
San Luis Obispo County	N			
Santa Barbara County		NA-T		
Ventura County	N			
SOUTH COAST AIR BASIN	N			

¹ AB 3048 (Olberg) and AB 2525 (Miller) signed into law in 1996, made changes to Health and Safety Code, section 40925.5. One of the changes allows nonattainment districts to become nonattainment-transitional for ozone by operation of law.

Figure 2



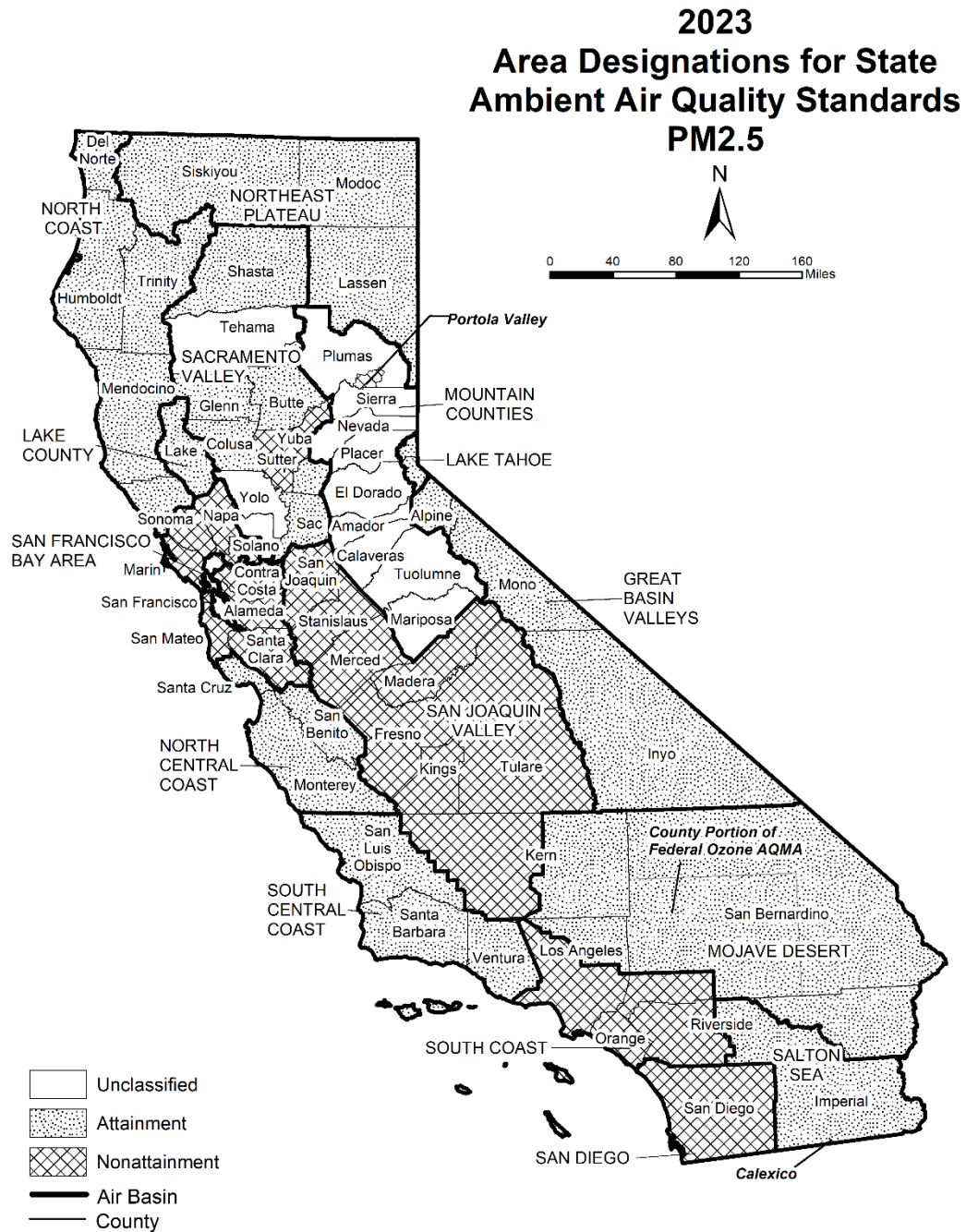
Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 2
California Ambient Air Quality Standards Area Designations for
Suspended Particulate Matter (PM₁₀)

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN	N		
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN	N		
MOJAVE DESERT AIR BASIN	N		
MOUNTAIN COUNTIES AIR BASIN			
Amador County		U	
Calaveras County	N		
El Dorado County (portion)	N		
Mariposa County			
- Yosemite National Park	N		
- Remainder of County		U	
Nevada County	N		
Placer County (portion)	N		
Plumas County	N		
Sierra County	N		
Tuolumne County		U	

Area	N	U	A
NORTH CENTRAL COAST AIR BASIN	N		
NORTH COAST AIR BASIN			
Del Norte, Mendocino, Sonoma (portion) and Trinity Counties			A
Remainder of Air Basin	N		
NORTHEAST PLATEAU AIR BASIN			
Siskiyou County			A
Remainder of Air Basin		U	
SACRAMENTO VALLEY AIR BASIN			
Shasta County			A
Remainder of Air Basin	N		
SALTON SEA AIR BASIN	N		
SAN DIEGO AIR BASIN	N		
SAN FRANCISCO BAY AREA AIR BASIN	N		
SAN JOAQUIN VALLEY AIR BASIN	N		
SOUTH CENTRAL COAST AIR BASIN	N		
SOUTH COAST AIR BASIN	N		

Figure 3



Last Updated: November 2023
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Table 3
California Ambient Air Quality Standards Area Designations for
Fine Particulate Matter (PM_{2.5})

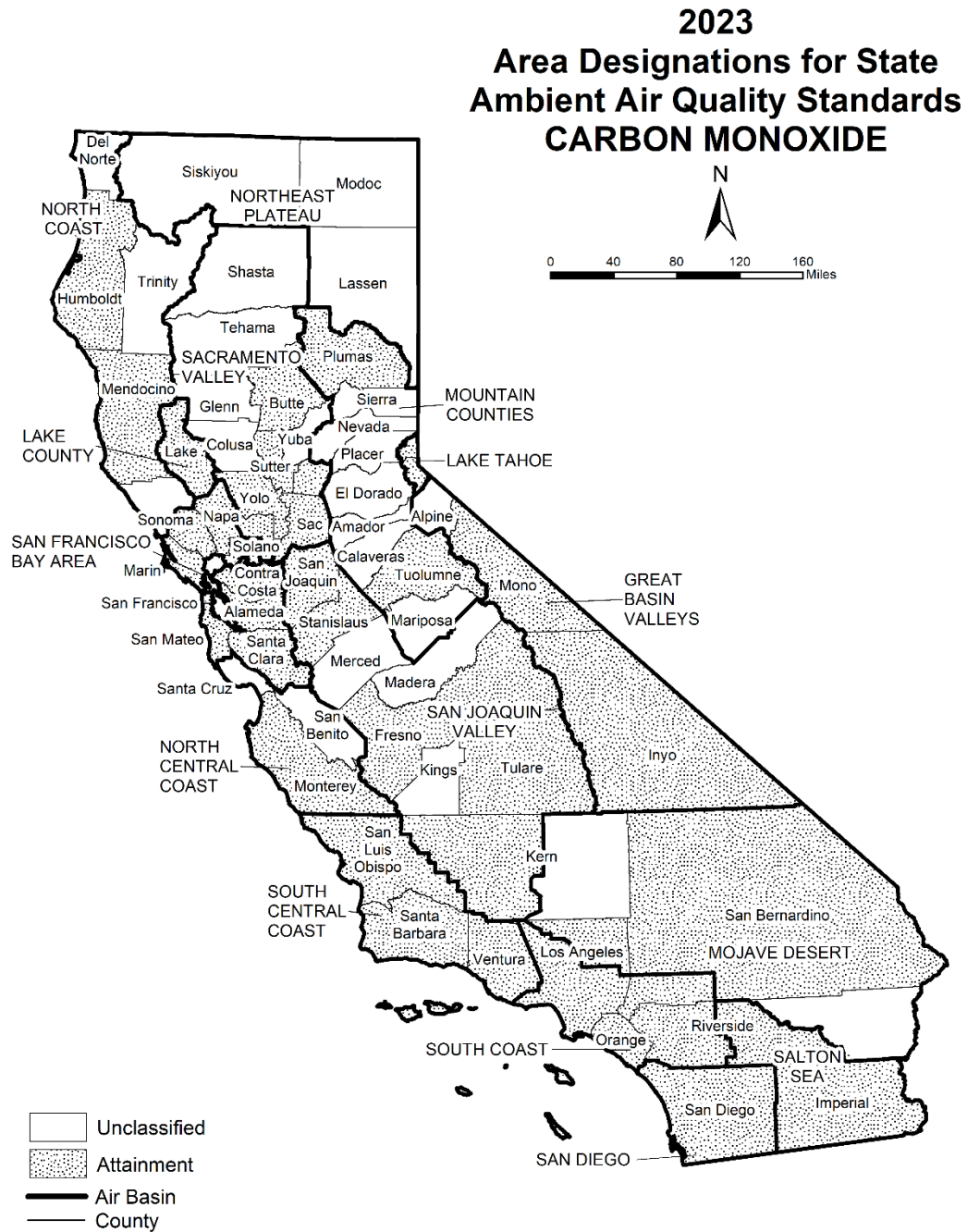
Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			A
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN			A
MOJAVE DESERT AIR BASIN			A
MOUNTAIN COUNTIES AIR BASIN			
Plumas County			
- Portola Valley ¹	N		
- Remainder Plumas County		U	
Remainder of Air Basin		U	
NORTH CENTRAL COAST AIR BASIN			A
NORTH COAST AIR BASIN			A
NORTHEAST PLATEAU AIR BASIN			A
SACRAMENTO VALLEY AIR BASIN			
Butte County			A
Colusa County			A
Glenn County			A
Placer County (portion)			A
Sacramento County			A
Shasta County			A
Sutter and Yuba Counties	N		
Remainder of Air Basin		U	

Area	N	U	A
SALTON SEA AIR BASIN			
Imperial County			
- City of Calexico ²	N		
Remainder of Air Basin			A
SAN DIEGO AIR BASIN	N		
SAN FRANCISCO BAY AREA AIR BASIN	N		
SAN JOAQUIN VALLEY AIR BASIN	N		
SOUTH CENTRAL COAST AIR BASIN			A
SOUTH COAST AIR BASIN	N		

¹ California Code of Regulations, title 17, section 60200(c)

² California Code of Regulations, title 17, section 60200(a)

Figure 4



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 4
California Ambient Air Quality Standards Area Designations for
Carbon Monoxide*

Area	N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN				
Alpine County			U	
Inyo County				A
Mono County				A
LAKE COUNTY AIR BASIN				A
LAKE TAHOE AIR BASIN				A
MOJAVE DESERT AIR BASIN				
Kern County (portion)			U	
Los Angeles County (portion)				A
Riverside County (portion)			U	
San Bernardino County (portion)				A
MOUNTAIN COUNTIES AIR BASIN				
Amador County			U	
Calaveras County			U	
El Dorado County (portion)			U	
Mariposa County			U	
Nevada County			U	
Placer County (portion)			U	
Plumas County				A
Sierra County			U	
Tuolumne County				A
NORTH CENTRAL COAST AIR BASIN				
Monterey County				A
San Benito County			U	
Santa Cruz County			U	
NORTH COAST AIR BASIN				
Del Norte County			U	
Humboldt County				A
Mendocino County				A
Sonoma County (portion)			U	
Trinity County			U	
NORTHEAST PLATEAU AIR BASIN			U	

Area	N	NA-T	U	A
SACRAMENTO VALLEY AIR BASIN				
Butte County				A
Colusa County			U	
Glenn County			U	
Placer County (portion)				A
Sacramento County				A
Shasta County			U	
Solano County (portion)				A
Sutter County				A
Tehama County			U	
Yolo County				A
Yuba County			U	
SALTON SEA AIR BASIN				A
SAN DIEGO AIR BASIN				A
SAN FRANCISCO BAY AREA AIR BASIN				A
SAN JOAQUIN VALLEY AIR BASIN				
Fresno County				A
Kern County (portion)				A
Kings County			U	
Madera County			U	
Merced County			U	
San Joaquin County				A
Stanislaus County				A
Tulare County				A
SOUTH CENTRAL COAST AIR BASIN				A
SOUTH COAST AIR BASIN				A

* The area designated for carbon monoxide is a county or portion of a county

Figure 5



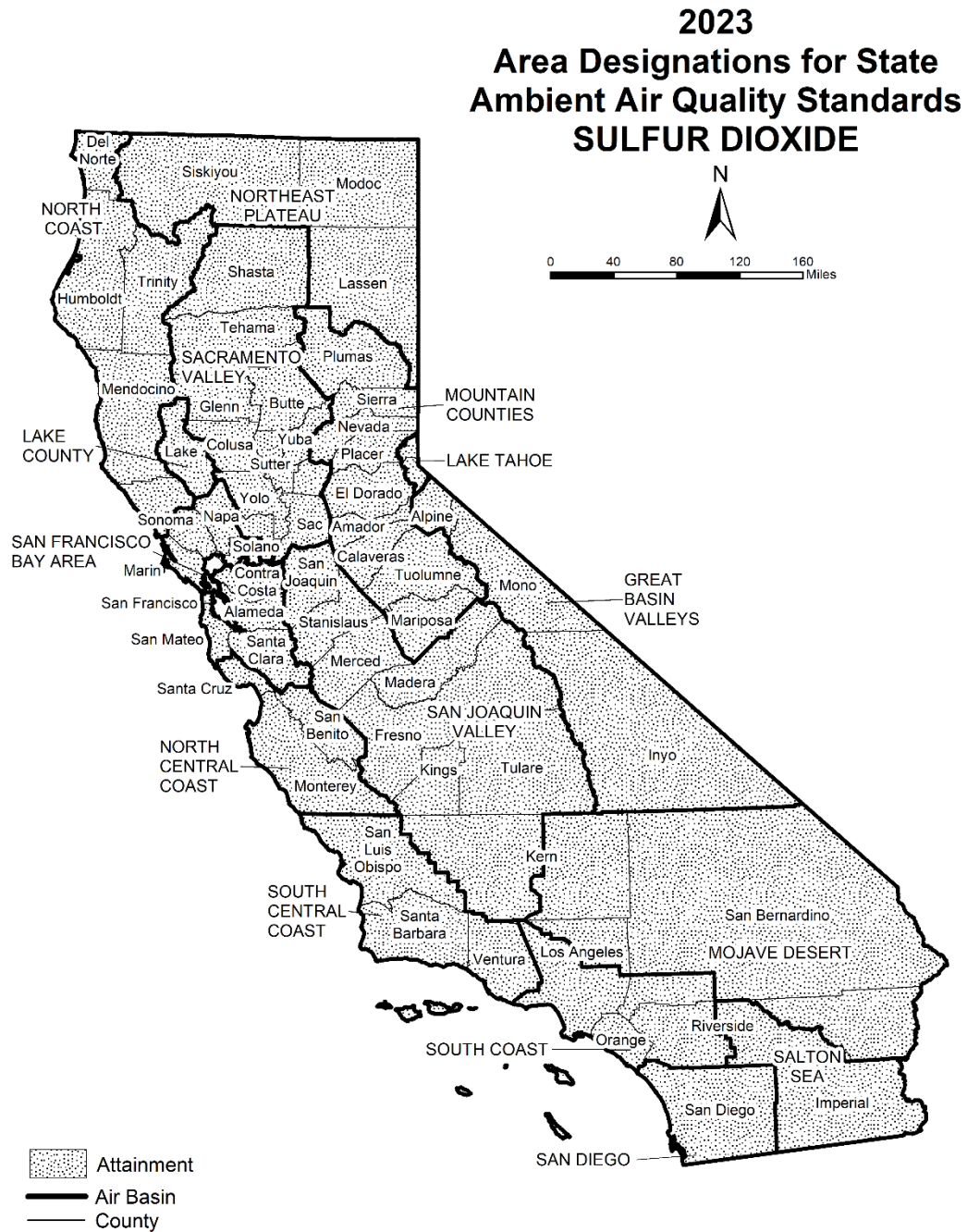
Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 5
California Ambient Air Quality Standards Area Designations for
Nitrogen Dioxide

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			A
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN			A
MOJAVE DESERT AIR BASIN			A
MOUNTAIN COUNTIES AIR BASIN			A
NORTH CENTRAL COAST AIR BASIN			A
NORTH COAST AIR BASIN			A
NORTHEAST PLATEAU AIR BASIN			A

Area	N	U	A
SACRAMENTO VALLEY AIR BASIN			A
SALTON SEA AIR BASIN			A
SAN DIEGO AIR BASIN			A
SAN FRANCISCO BAY AREA AIR BASIN			A
SAN JOAQUIN VALLEY AIR BASIN			A
SOUTH CENTRAL COAST AIR BASIN			A
SOUTH COAST AIR BASIN			
CA 60 Near-road Portion of San Bernardino, Riverside, and Los Angeles Counties			A
Remainder of Air Basin			A

Figure 6



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

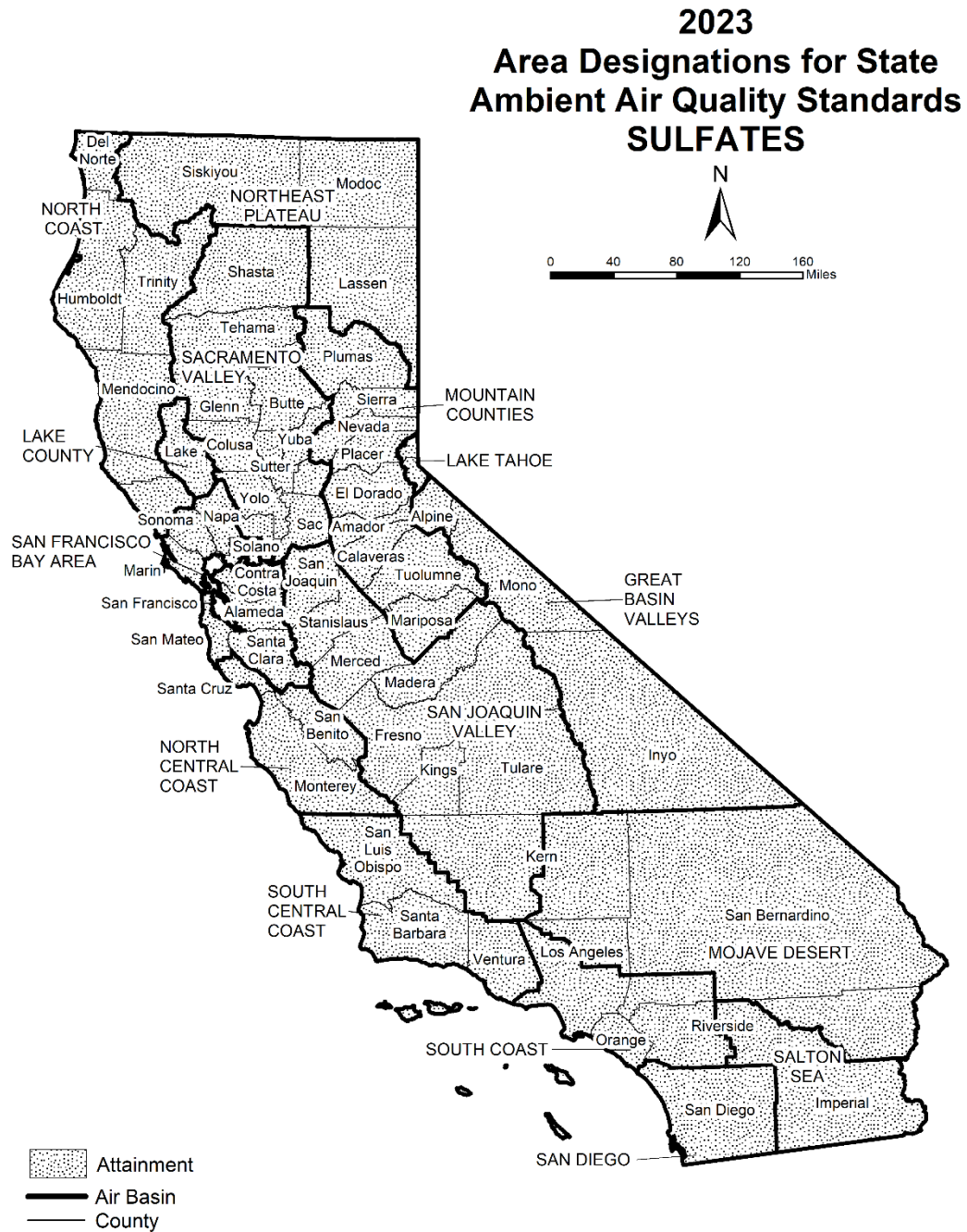
Table 6
California Ambient Air Quality Standards Area Designations for Sulfur Dioxide*

Area	N	A
GREAT BASIN VALLEYS AIR BASIN		A
LAKE COUNTY AIR BASIN		A
LAKE TAHOE AIR BASIN		A
MOJAVE DESERT AIR BASIN		A
MOUNTAIN COUNTIES AIR BASIN		A
NORTH CENTRAL COAST AIR BASIN		A
NORTH COAST AIR BASIN		A
NORTHEAST PLATEAU AIR BASIN		A

Area	N	A
SACRAMENTO VALLEY AIR BASIN		A
SALTON SEA AIR BASIN		A
SAN DIEGO AIR BASIN		A
SAN FRANCISCO BAY AREA AIR BASIN		A
SAN JOAQUIN VALLEY AIR BASIN		A
SOUTH CENTRAL COAST AIR BASIN		A
SOUTH COAST AIR BASIN		A

* The area designated for sulfur dioxide is a county or portion of a county. Since all areas in the State are in attainment for this standard, air basins are indicated here for simplicity.

Figure 7



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 7
California Ambient Air Quality Standards Area Designations for
Sulfates

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			A
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN			A
MOJAVE DESERT AIR BASIN			A
MOUNTAIN COUNTIES AIR BASIN			A
NORTH CENTRAL COAST AIR BASIN			A
NORTH COAST AIR BASIN			A
NORTHEAST PLATEAU AIR BASIN			A

Area	N	U	A
SACRAMENTO VALLEY AIR BASIN			A
SALTON SEA AIR BASIN			A
SAN DIEGO AIR BASIN			A
SAN FRANCISCO BAY AREA AIR BASIN			A
SAN JOAQUIN VALLEY AIR BASIN			A
SOUTH CENTRAL COAST AIR BASIN			A
SOUTH COAST AIR BASIN			A

Figure 8



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

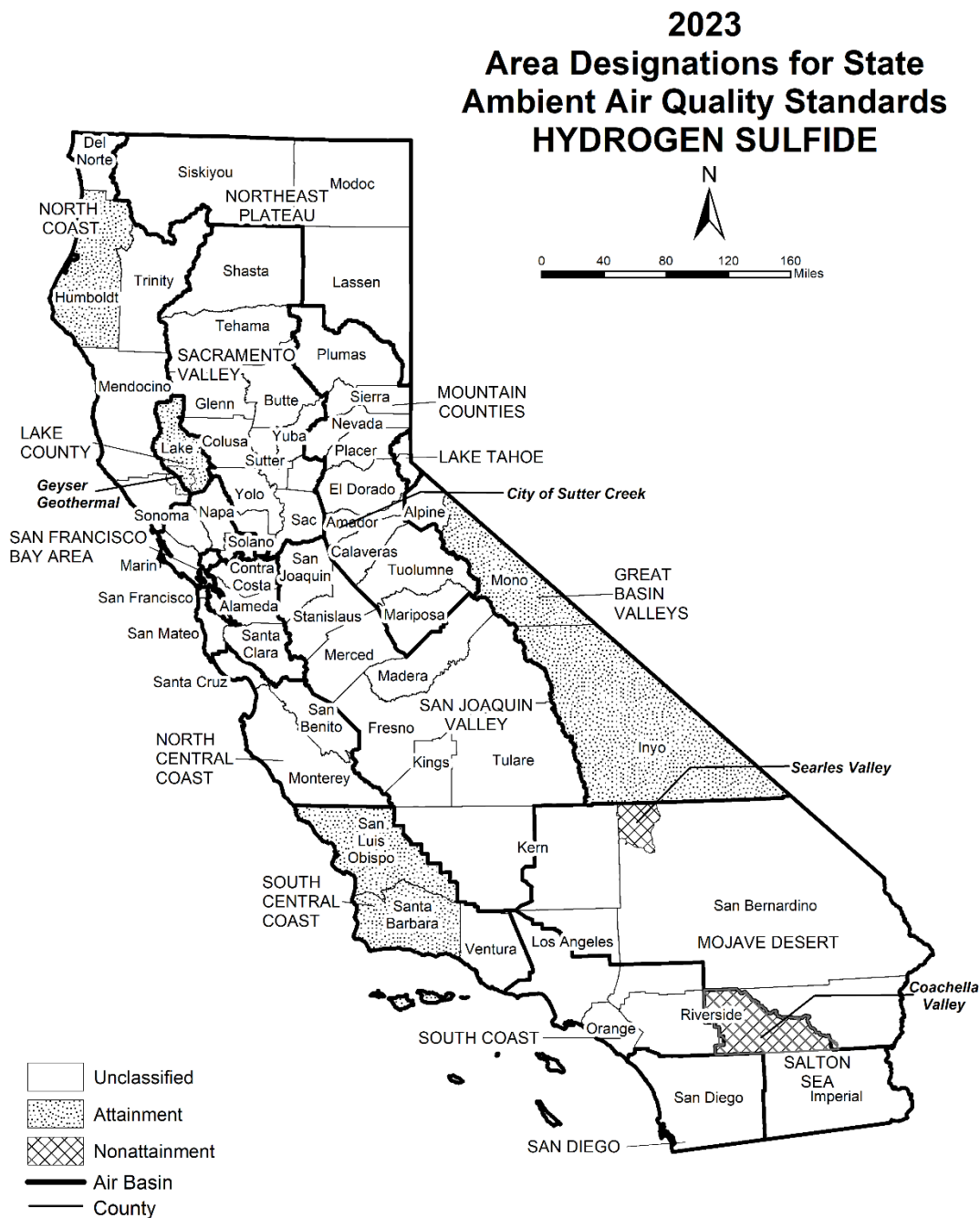
Table 8
California Ambient Air Quality Standards Area Designations for
Lead (particulate)*

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			A
LAKE COUNTY AIR BASIN			A
LAKE TAHOE AIR BASIN			A
MOJAVE DESERT AIR BASIN			A
MOUNTAIN COUNTIES AIR BASIN			A
NORTH CENTRAL COAST AIR BASIN			A
NORTH COAST AIR BASIN			A
NORTHEAST PLATEAU AIR BASIN			A
SACRAMENTO VALLEY AIR BASIN			A

Area	N	U	A
SALTON SEA AIR BASIN			A
SAN DIEGO AIR BASIN			A
SAN FRANCISCO BAY AREA AIR BASIN			A
SAN JOAQUIN VALLEY AIR BASIN			A
SOUTH CENTRAL COAST AIR BASIN			A
SOUTH COAST AIR BASIN			A

* The area designated for lead is a county or portion of a county. Since all areas in the State are in attainment for this standard, air basins are indicated here for simplicity.

Figure 9



Last Updated: November 2023
 Air Quality Planning and Science Division, CARB

Table 9
California Ambient Air Quality Standards Area Designations for
Hydrogen Sulfide*

Area	N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN				
Alpine County			U	
Inyo County				A
Mono County				A
LAKE COUNTY AIR BASIN				A
LAKE TAHOE AIR BASIN			U	
MOJAVE DESERT AIR BASIN				
Kern County (portion)			U	
Los Angeles County (portion)			U	
Riverside County (portion)			U	
San Bernardino County (portion)				
- Searles Valley Planning Area ¹	N			
- Remainder of County			U	
MOUNTAIN COUNTIES AIR BASIN				
Amador County				
- City of Sutter Creek	N			
- Remainder of County			U	
Calaveras County			U	
El Dorado County (portion)			U	
Mariposa County			U	
Nevada County			U	
Placer County (portion)			U	
Plumas County			U	
Sierra County			U	
Tuolumne County			U	

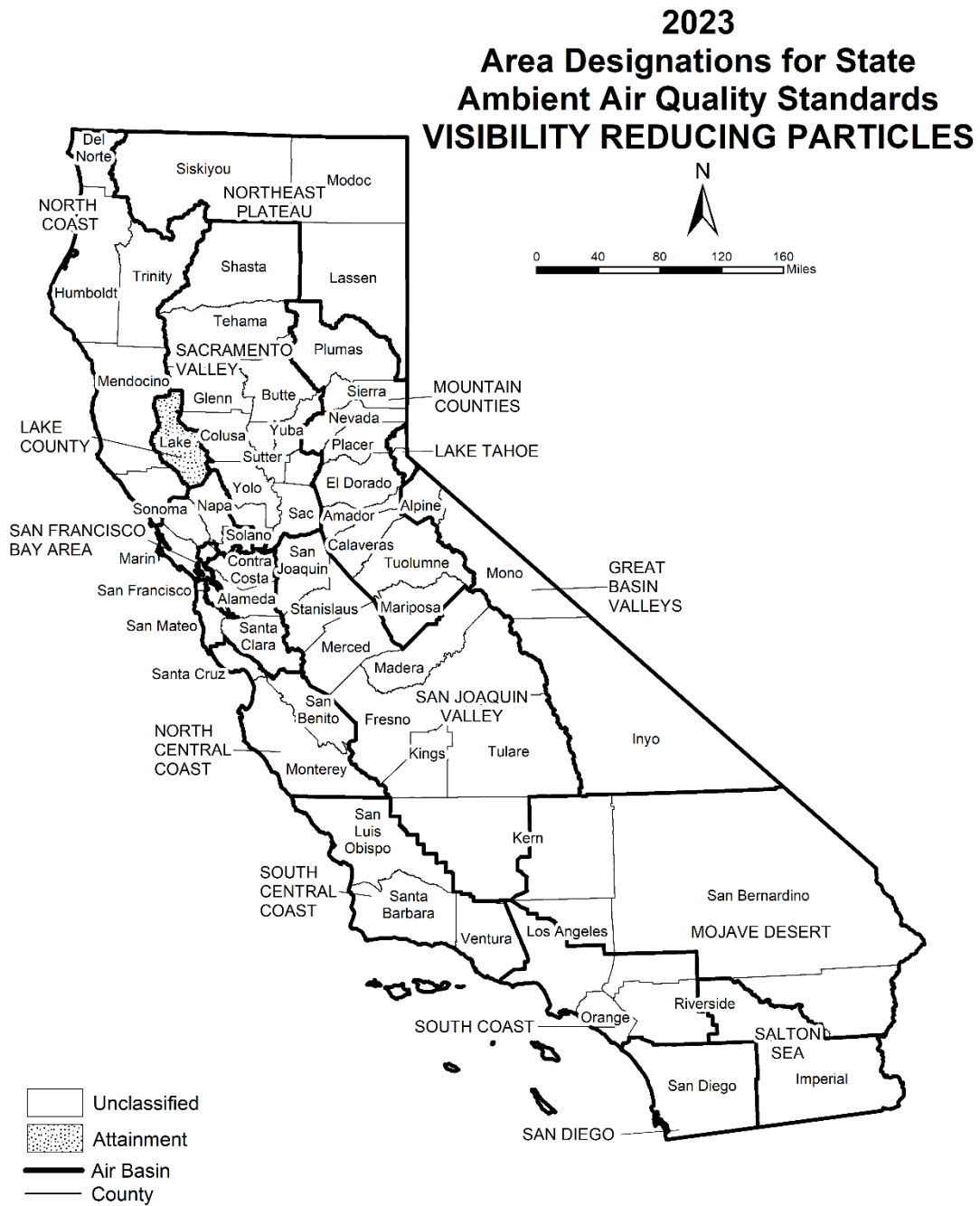
Area	N	NA-T	U	A
NORTH CENTRAL COAST AIR BASIN			U	
NORTH COAST AIR BASIN				
Del Norte County			U	
Humboldt County				A
Mendocino County			U	
Sonoma County (portion)				
- Geyser Geothermal Area ²				A
- Remainder of County			U	
Trinity County			U	
NORTHEAST PLATEAU AIR BASIN			U	
SACRAMENTO VALLEY AIR BASIN			U	
SALTON SEA AIR BASIN				
Riverside County (portion)	N			
Imperial County			U	
SAN DIEGO AIR BASIN			U	
SAN FRANCISCO BAY AREA AIR BASIN			U	
SAN JOAQUIN VALLEY AIR BASIN			U	
SOUTH CENTRAL COAST AIR BASIN				
San Luis Obispo County				A
Santa Barbara County				A
Ventura County			U	
SOUTH COAST AIR BASIN			U	

* The area designated for hydrogen sulfide is a county or portion of a county

¹ 52 Federal Register 29384 (August 7, 1987)

² California Code of Regulations, title 17, section 60200(d)

Figure 10



Last Updated: November 2023
Air Quality Planning and Science Division, CARB

Table 10
California Ambient Air Quality Standards Area Designations for
Visibility Reducing Particles

Area	N	NA-T	U	A
GREAT BASIN VALLEYS AIR BASIN			U	
LAKE COUNTY AIR BASIN				A
LAKE TAHOE AIR BASIN			U	
MOJAVE DESERT AIR BASIN			U	
MOUNTAIN COUNTIES AIR BASIN			U	
NORTH CENTRAL COAST AIR BASIN			U	
NORTH COAST AIR BASIN			U	
NORTHEAST PLATEAU AIR BASIN			U	

Area	N	NA-T	U	A
SACRAMENTO VALLEY AIR BASIN			U	
SALTON SEA AIR BASIN			U	
SAN DIEGO AIR BASIN			U	
SAN FRANCISCO BAY AREA AIR BASIN			U	
SAN JOAQUIN VALLEY AIR BASIN			U	
SOUTH CENTRAL COAST AIR BASIN			U	
SOUTH COAST AIR BASIN			U	

Area Designations for the National Ambient Air Quality Standards

The following maps and tables show the area designations for each pollutant with a national ambient air quality standard. Additional information about the federal area designations is available on the U.S. EPA website:

<https://www.epa.gov/green-book>

Over the last several years, U.S. EPA has been reviewing the levels of the various national standards. The agency has already promulgated new standard levels for some pollutants and is considering revising the levels for others. Information about the status of these reviews is available on the U.S. EPA website:

<https://www.epa.gov/criteria-air-pollutants>

Designation Categories

Suspended Particulate Matter (PM₁₀). The U.S. EPA uses three categories to designate areas with respect to PM₁₀:

- Attainment (A)
- Nonattainment (N)
- Unclassifiable (U)

Ozone, Fine Suspended Particulate Matter (PM_{2.5}), Carbon Monoxide (CO), and Nitrogen Dioxide (NO₂). The U.S. EPA uses two categories to designate areas with respect to these standards:

- Nonattainment (N)
- Unclassifiable/Attainment (U/A)

The national 1-hour ozone standard was revoked effective June 15, 2005, and the area designations map reflects the 2015 national 8-hour ozone standard of 0.070 ppm. Area designations were finalized on August 3, 2018.

On December 14, 2012, the U.S. EPA established a new national annual primary PM_{2.5} standard of 12.0 µg/m³. Area designations were finalized in December 2014. The current designation map reflects the most recently revised (2012) annual average standard of 12.0 µg/m³ as well as the 24-hour standard of 35 µg/m³, revised in 2006.

On January 22, 2010, the U.S. EPA established a new national 1-hour NO₂ standard of 100 parts per billion (ppb) and retained the annual average standard of 53 ppb. Designations for the primary NO₂ standard became effective on February 29, 2012. All areas of California meet this standard.

Sulfur Dioxide (SO₂). The U.S. EPA uses three categories to designate areas with respect to the 24-hour and annual average sulfur dioxide standards. These designation categories are:

- Nonattainment (N),
- Unclassifiable (U), and
- Unclassifiable/Attainment (U/A).

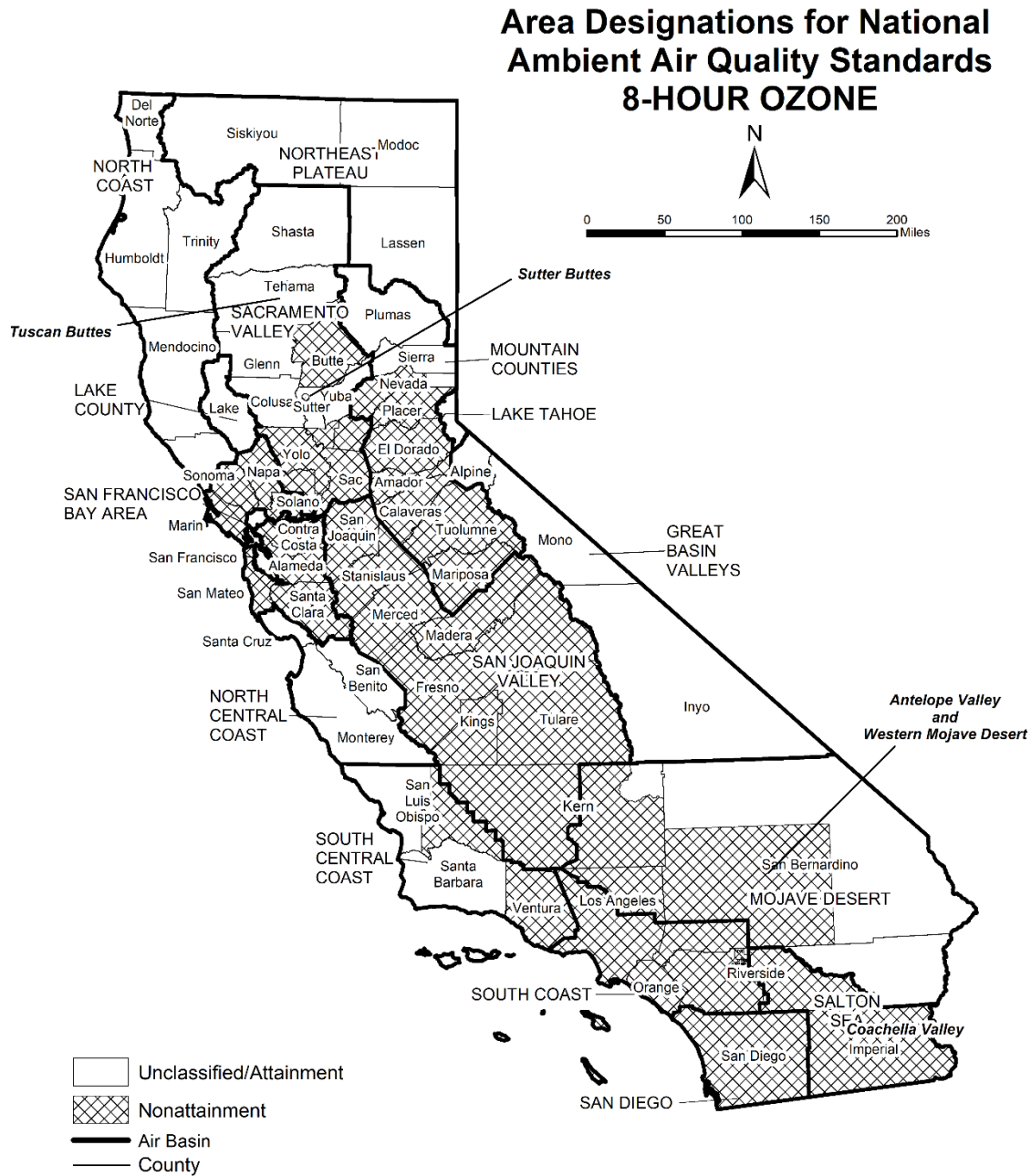
On June 2, 2010, the U.S. EPA established a new primary 1-hour SO₂ standard of 75 parts per billion (ppb). At the same time, U.S. EPA revoked the 24-hour and annual average standards. Area designations for the 1-hour SO₂ standard were finalized on December 21, 2017 and are reflected in the area designations map.

Lead (particulate). The U.S. EPA promulgated a new rolling 3-month average lead standard in October 2008 of 0.15 µg/m³. Designations were made for this standard in November 2010.

Designation Areas

From time to time, the boundaries of the California air basins have been changed to facilitate the planning process. CARB generally initiates these changes, and they are not always reflected in the U.S. EPA's area designations. For purposes of consistency, the maps in this attachment reflect area designation boundaries and nomenclature as promulgated by the U.S. EPA. In some cases, these may not be the same as those adopted by CARB. For example, the national area designations reflect the former Southeast Desert Air Basin. In accordance with Health and Safety Code section 39606.1, CARB redefined this area in 1996 to be the Mojave Desert Air Basin and Salton Sea Air Basin. The definitions and boundaries for all areas designated for the national standards can be found in Title 40, Code of Federal Regulations (CFR), Chapter I, Subchapter C, Part 81.305. They are available on the web at: https://ecfr.io/Title-40/se40.20.81_1305

Figure 11



Last Updated: November 2023
 Map reflects the 2015 8-hour ozone standard of 0.070 ppm
 Air Quality Planning and Science Division, CARB

Table 11
National Ambient Air Quality Standards Area Designations for
8-Hour Ozone*

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		
Amador County	N	
Calaveras County	N	
El Dorado County (portion) ¹	N	
Mariposa County	N	
Nevada County		
- Western Nevada County	N	
- Remainder of County		U/A
Placer County (portion) ¹	N	
Plumas County		U/A
Sierra County		U/A
Tuolumne County	N	
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A
SACRAMENTO VALLEY AIR BASIN		
Butte County	N	
Colusa County		U/A
Glenn County		U/A
Sacramento Metro Area ¹	N	
Shasta County		U/A
Sutter County		
- Sutter Buttes	N	
- Southern portion of Sutter County ¹	N	
- Remainder of Sutter County		U/A
Tehama County		
- Tuscan Buttes	N	
- Remainder of Tehama County		U/A

Area	N	U/A
SACRAMENTO VALLEY AIR BASIN (cont.)		
Yolo County ¹	N	
Yuba County		U/A
SAN DIEGO COUNTY	N	
SAN FRANCISCO BAY AREA AIR BASIN	N	
SAN JOAQUIN VALLEY AIR BASIN	N	
SOUTH CENTRAL COAST AIR BASIN ²		
San Luis Obispo County		
- Eastern San Luis Obispo County	N	
- Remainder of County		U/A
Santa Barbara County		U/A
Ventura County		
- Area excluding Anacapa and San Nicolas Islands	N	
- Channel Islands ²		U/A
SOUTH COAST AIR BASIN ²	N	
SOUTHEAST DESERT AIR BASIN		
Kern County (portion)	N	
- Indian Wells Valley		U/A
Imperial County	N	
Los Angeles County (portion)	N	
Riverside County (portion)		
- Coachella Valley	N	
- Non-AQMA portion		U/A
San Bernardino County		
- Western portion (AQMA)	N	
- Eastern portion (non-AQMA)		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

NOTE: This map and Table reflect the 2015 8-hour ozone standard of 0.070 ppm.

¹ For this purpose, the Sacramento Metro Area comprises all of Sacramento and Yolo Counties, the Sacramento Valley Air Basin portion of Solano County, the southern portion of Sutter County, and the Sacramento Valley and Mountain Counties Air Basins portions of Placer and El Dorado counties.

² South Central Coast Air Basin Channel Islands:

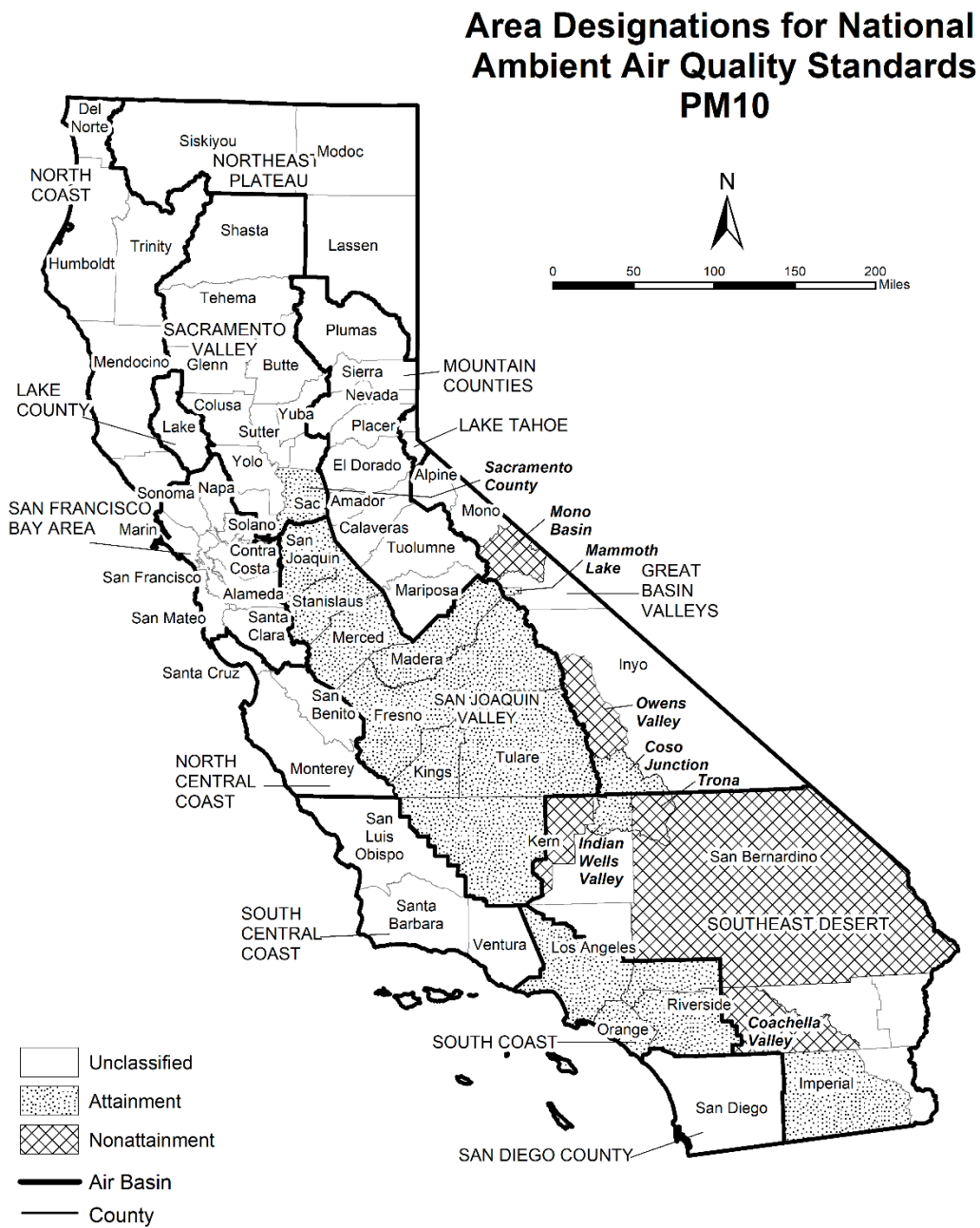
Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.

Ventura County includes Anacapa and San Nicolas Islands.

South Coast Air Basin:

Los Angeles County includes San Clemente and Santa Catalina Islands.

Figure 12



Last Updated: November 2023
Air Quality Planning and Science Division

Table 12
National Ambient Air Quality Standards Area Designations for
Suspended Particulate Matter (PM₁₀)*

Area	N	U	A
GREAT BASIN VALLEYS AIR BASIN			
Alpine County		U	
Inyo County			
- Owens Valley Planning Area	N		
- Coso Junction			A
- Remainder of County		U	
Mono County			
- Mammoth Lake Planning Area			A
- Mono Lake Basin	N		
- Remainder of County		U	
LAKE COUNTY AIR BASIN		U	
LAKE TAHOE AIR BASIN		U	
MOUNTAIN COUNTIES AIR BASIN		U	
NORTH CENTRAL COAST AIR BASIN		U	
NORTH COAST AIR BASIN		U	
NORTHEAST PLATEAU AIR BASIN		U	
SACRAMENTO VALLEY AIR BASIN			
Sacramento County ¹			A
Remainder of Air Basin		U	
SAN DIEGO COUNTY		U	

Area	N	U	A
SAN FRANCISCO BAY AREA AIR BASIN		U	
SAN JOAQUIN VALLEY AIR BASIN			A
SOUTH CENTRAL COAST AIR BASIN		U	
SOUTH COAST AIR BASIN			A
SOUTHEAST DESERT AIR BASIN			
Eastern Kern County			
- Indian Wells Valley			A
- Portion within San Joaquin Valley Planning Area	N		
- Remainder of County		U	
Imperial County			
- Imperial Valley Planning Area ²			A
- Remainder of County		U	
Los Angeles County (portion)		U	
Riverside County (portion)			
- Coachella Valley	N		
- Non-AQMA portion		U	
San Bernardino County			
- Trona	N		
- Remainder of County	N		

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

¹ Air quality in Sacramento County meets the national PM₁₀ standards. The request for redesignation to attainment was approved by U.S. EPA in September 2013.

² The request for redesignation to attainment for the Imperial Valley Planning Area was approved by U.S. EPA in September 2020, effective October 2020.

Figure 13



Last Updated: November 2023
Air Quality Planning and Science Division

Table 13
National Ambient Air Quality Standards Area Designations for
Fine Particulate Matter (PM_{2.5})

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		
Plumas County		
- Portola Valley Portion of Plumas County	N	
- Remainder of Plumas County		U/A
Remainder of Air Basin		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A
SACRAMENTO VALLEY AIR BASIN		
Sacramento Metro Area ¹	N	
Remainder of Air Basin		U/A

Area	N	U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN ²	N	
SAN JOAQUIN VALLEY AIR BASIN	N	
SOUTH CENTRAL COAST AIR BASIN		U/A
SOUTH COAST AIR BASIN ³	N	
SOUTHEAST DESERT AIR BASIN		
Imperial County (portion) ⁴	N	
Remainder of Air Basin		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305. This map reflects the 2006 24-hour PM_{2.5} standard as well as the 1997 and 2012 PM_{2.5} annual standards.

¹ For this purpose, Sacramento Metro Area comprises all of Sacramento and portions of El Dorado, Placer, Solano, and Yolo Counties. Air quality in this area meets the national PM_{2.5} standards. A Determination of Attainment for the 2006 24-hour PM_{2.5} standard was made by U.S. EPA in June 2017.

² Air quality in this area meets the national PM_{2.5} standards. A Determination of Attainment for the 2006 24-hour PM_{2.5} standard was made by U.S. EPA in June 2017.

³ Those lands of the Santa Rosa Band of Cahulla Mission Indians in Riverside County are designated Unclassifiable/Attainment.

⁴ That portion of Imperial County encompassing the urban and surrounding areas of Brawley, Calexico, El Centro, Heber, Holtville, Imperial, Seeley, and Westmorland. Air quality in this area meets the national PM_{2.5} standards. A Determination of Attainment for the 2006 24-hour PM_{2.5} standard was made by U.S. EPA in June 2017.

Figure 14



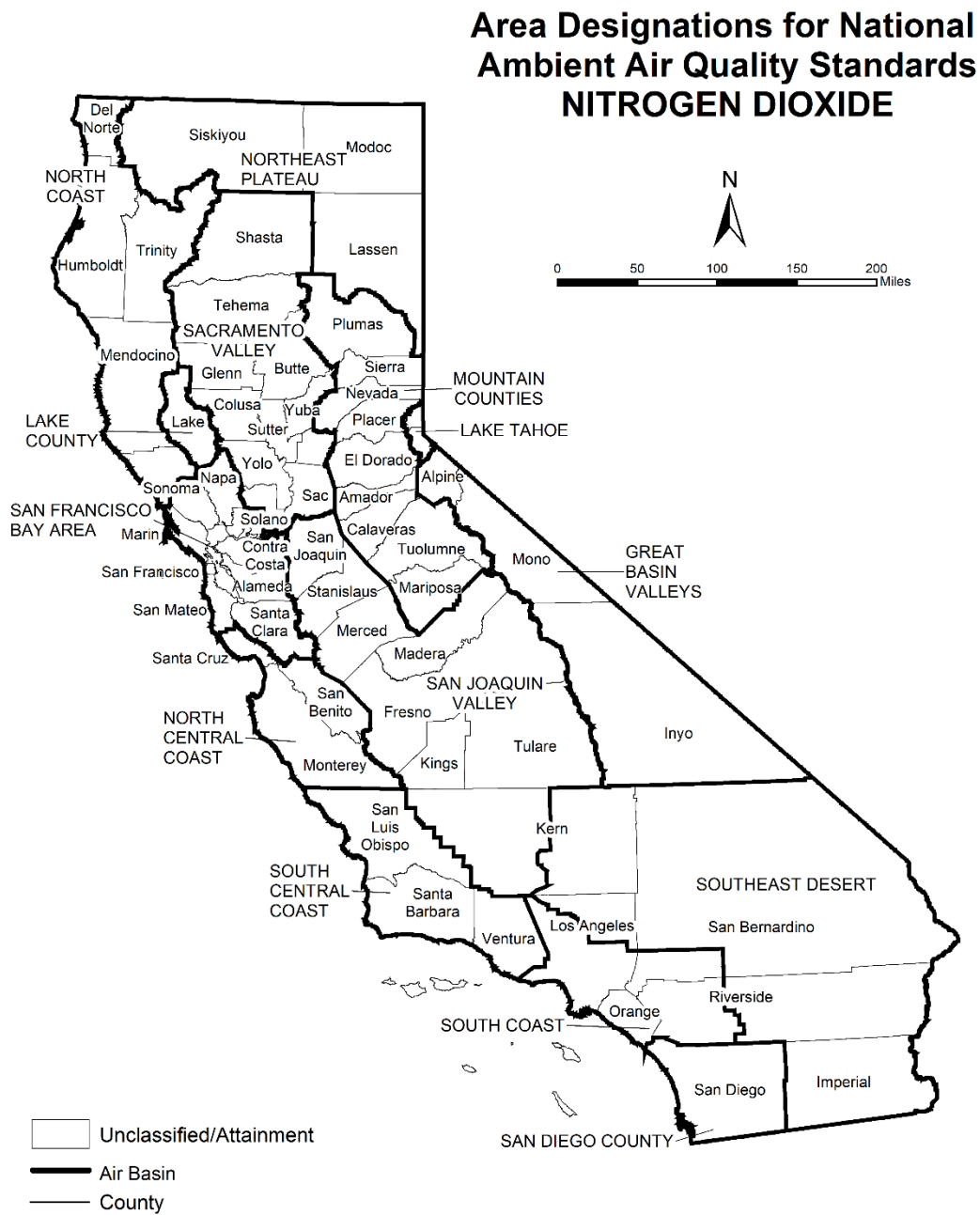
Last Updated: November 2023
Air Quality Planning and Science Division

Table 14
National Ambient Air Quality Standards Area Designations for
Carbon Monoxide*

Area	N	U/A	Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A	SACRAMENTO VALLEY AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A	SAN DIEGO COUNTY		U/A
LAKE TAHOE AIR BASIN		U/A	SAN FRANCISCO BAY AREA AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		U/A	SAN JOAQUIN VALLEY AIR BASIN		U/A
NORTH CENTRAL COAST AIR BASIN		U/A	SOUTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A	SOUTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A	SOUTHEAST DESERT AIR BASIN		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

Figure 15



Last Updated: November 2023
Air Quality Planning and Science Division

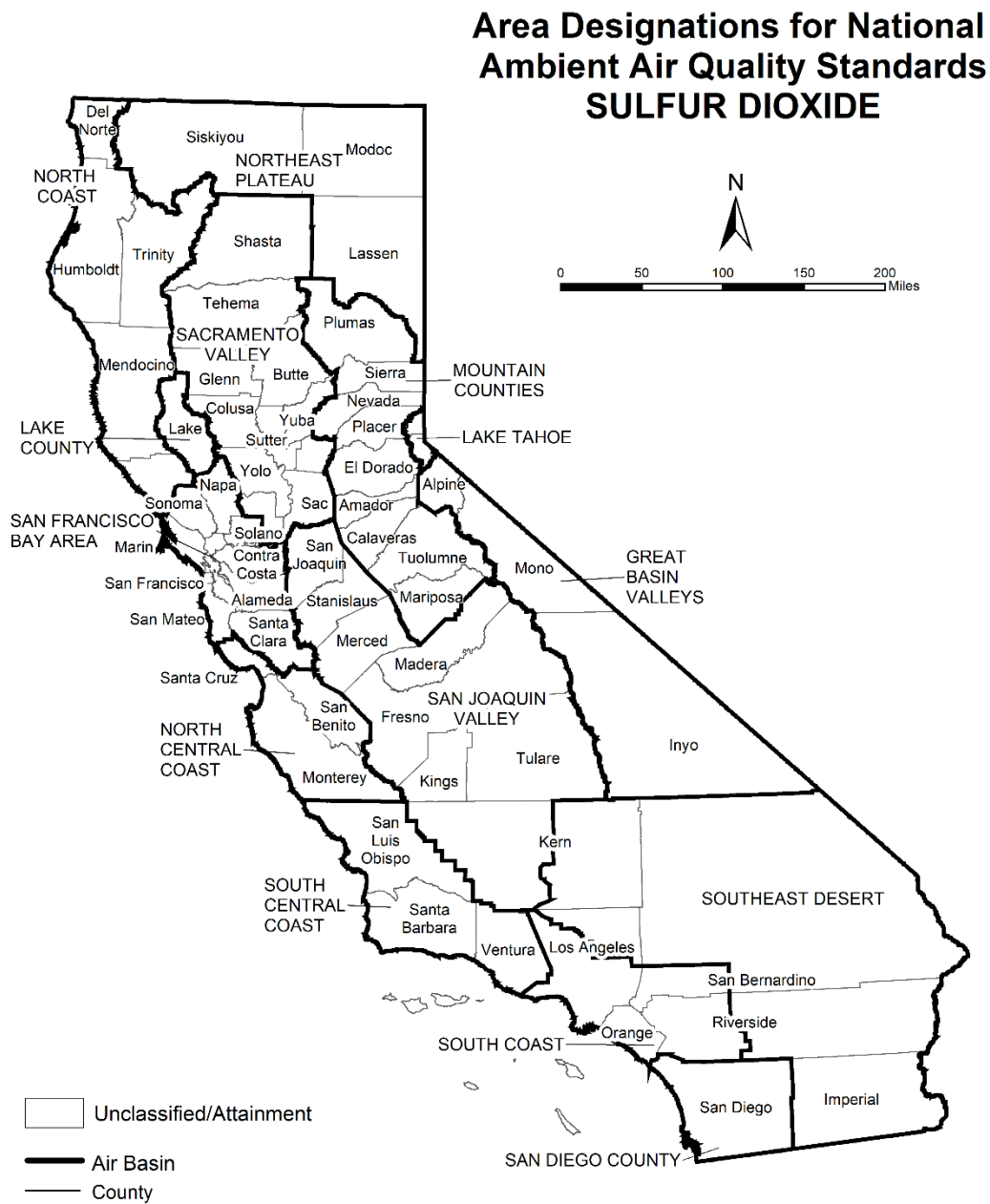
Table 15
National Ambient Air Quality Standards Area Designations for
Nitrogen Dioxide*

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A

Area	N	U/A
SACRAMENTO VALLEY AIR BASIN		U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN		U/A
SAN JOAQUIN VALLEY AIR BASIN		U/A
SOUTH CENTRAL COAST AIR BASIN		U/A
SOUTH COAST AIR BASIN		U/A
SOUTHEAST DESERT AIR BASIN		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.

Figure 16



Last Updated: November 2023
Air Quality Planning and Science Division

Table 16
National Ambient Air Quality Standards Area Designations for Sulfur Dioxide*

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A
SACRAMENTO VALLEY AIR BASIN		U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN		U/A
SAN JOAQUIN VALLEY AIR BASIN		U/A
SOUTH CENTRAL COAST AIR BASIN ¹		U/A
SOUTH COAST AIR BASIN		U/A
SOUTHEAST DESERT AIR BASIN		U/A

* Definitions and references for all areas can be found in 40 CFR, Chapter I, Part 81.305.
 NOTE: This map and table reflect the 2010 1-hour SO₂ standard of 75 ppb.

¹ South Central Coast Air Basin Channel Islands:

Santa Barbara County includes Santa Cruz, San Miguel, Santa Rosa, and Santa Barbara Islands.
 Ventura County includes Anacapa and San Nicolas Islands.

Note that the San Clemente and Santa Catalina Islands are considered part of Los Angeles County, and therefore, are included as part of the South Coast Air Basin.

Figure 17



Last Updated: November 2023
Air Quality Planning and Science Division

Table 17
National Ambient Air Quality Standards Area Designations for
Lead (particulate)

Area	N	U/A
GREAT BASIN VALLEYS AIR BASIN		U/A
LAKE COUNTY AIR BASIN		U/A
LAKE TAHOE AIR BASIN		U/A
MOUNTAIN COUNTIES AIR BASIN		U/A
NORTH CENTRAL COAST AIR BASIN		U/A
NORTH COAST AIR BASIN		U/A
NORTHEAST PLATEAU AIR BASIN		U/A
SACRAMENTO VALLEY AIR BASIN		U/A

Area	N	U/A
SAN DIEGO COUNTY		U/A
SAN FRANCISCO BAY AREA AIR BASIN		U/A
SAN JOAQUIN VALLEY AIR BASIN		U/A
SOUTH CENTRAL COAST AIR BASIN		U/A
SOUTH COAST AIR BASIN		
Los Angeles County (portion) ¹	N	
Remainder of Air Basin		U/A
SOUTHEAST DESERT AIR BASIN		U/A

¹ Portion of County in Air Basin, not including Channel Islands

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APPENDIX 3.1:

CALEEMOD EXISTING OPERATIONAL EMISSIONS MODEL OUTPUTS

5088 Edison (Existing) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	5088 Edison (Existing)
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	9.20
Location	33.99915102972773, -117.6945989806811
County	San Bernardino-South Coast
City	Chino
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5218
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	73.0	1000sqft	10.6	73,000	0.00	—	—	—

User Defined Industrial	73.0	User Defined Unit	0.00	0.00	0.00	—	—	Passenger Cars for Warehouse
Other Asphalt Surfaces	6.89	Acre	6.89	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.58	3.10	3.17	13.6	0.04	0.08	2.91	2.98	0.07	0.75	0.82	69.3	5,296	5,366	7.28	0.46	14.9	5,700
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.98	2.55	3.29	8.77	0.04	0.07	2.91	2.98	0.07	0.75	0.82	69.3	5,129	5,198	7.28	0.46	0.39	5,519
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.11	2.70	2.56	8.89	0.03	0.06	2.11	2.18	0.06	0.54	0.61	69.3	4,012	4,081	7.23	0.36	4.69	4,374
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.20	0.49	0.47	1.62	0.01	0.01	0.39	0.40	0.01	0.10	0.11	11.5	664	676	1.20	0.06	0.78	724

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.97	0.77	2.77	10.1	0.04	0.04	2.91	2.95	0.04	0.75	0.79	—	4,410	4,410	0.19	0.37	14.9	4,541
Area	0.56	2.32	0.03	3.17	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	13.1	13.1	< 0.005	< 0.005	—	13.1
Energy	0.04	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	765	765	0.07	< 0.005	—	768
Water	—	—	—	—	—	—	—	—	—	—	—	32.3	109	141	3.33	0.08	—	248
Waste	—	—	—	—	—	—	—	—	—	—	—	37.0	0.00	37.0	3.70	0.00	—	129
Total	1.58	3.10	3.17	13.6	0.04	0.08	2.91	2.98	0.07	0.75	0.82	69.3	5,296	5,366	7.28	0.46	14.9	5,700
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.93	0.73	2.92	8.46	0.04	0.04	2.91	2.95	0.04	0.75	0.79	—	4,256	4,256	0.19	0.38	0.39	4,374
Area	—	1.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.04	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	765	765	0.07	< 0.005	—	768
Water	—	—	—	—	—	—	—	—	—	—	—	32.3	109	141	3.33	0.08	—	248
Waste	—	—	—	—	—	—	—	—	—	—	—	37.0	0.00	37.0	3.70	0.00	—	129
Total	0.98	2.55	3.29	8.77	0.04	0.07	2.91	2.98	0.07	0.75	0.82	69.3	5,129	5,198	7.28	0.46	0.39	5,519
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.68	0.53	2.17	6.40	0.03	0.03	2.11	2.14	0.03	0.54	0.57	—	3,129	3,129	0.14	0.28	4.69	3,220
Area	0.39	2.15	0.02	2.17	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.94	8.94	< 0.005	< 0.005	—	8.97
Energy	0.04	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	765	765	0.07	< 0.005	—	768
Water	—	—	—	—	—	—	—	—	—	—	—	32.3	109	141	3.33	0.08	—	248
Waste	—	—	—	—	—	—	—	—	—	—	—	37.0	0.00	37.0	3.70	0.00	—	129
Total	1.11	2.70	2.56	8.89	0.03	0.06	2.11	2.18	0.06	0.54	0.61	69.3	4,012	4,081	7.23	0.36	4.69	4,374
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.12	0.10	0.40	1.17	0.01	0.01	0.39	0.39	0.01	0.10	0.10	—	518	518	0.02	0.05	0.78	533

Area	0.07	0.39	< 0.005	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.48	1.48	< 0.005	< 0.005	—	1.49
Energy	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	127	127	0.01	< 0.005	—	127
Water	—	—	—	—	—	—	—	—	—	—	—	5.36	18.0	23.4	0.55	0.01	—	41.1
Waste	—	—	—	—	—	—	—	—	—	—	—	6.12	0.00	6.12	0.61	0.00	—	21.4
Total	0.20	0.49	0.47	1.62	0.01	0.01	0.39	0.40	0.01	0.10	0.11	11.5	664	676	1.20	0.06	0.78	724

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.73	0.67	0.39	8.49	0.02	0.01	1.94	1.95	0.01	0.49	0.50	—	1,954	1,954	0.06	0.04	5.78	1,974
User Defined Industrial	0.24	0.10	2.38	1.60	0.02	0.04	0.96	1.00	0.03	0.26	0.29	—	2,456	2,456	0.13	0.33	9.07	2,567
Other Asphalt Surfaces	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	0.00
Total	0.97	0.77	2.77	10.1	0.04	0.04	2.91	2.95	0.04	0.75	0.79	—	4,410	4,410	0.19	0.37	14.9	4,541
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige Warehouse-No Rail	0.70	0.64	0.44	6.86	0.02	0.01	1.94	1.95	0.01	0.49	0.50	—	1,799	1,799	0.06	0.05	0.15	1,815
User Defined Industrial	0.23	0.09	2.48	1.60	0.02	0.04	0.96	1.00	0.03	0.26	0.29	—	2,456	2,456	0.13	0.33	0.24	2,559
Other Asphalt Surfaces	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	0.00
Total	0.93	0.73	2.92	8.46	0.04	0.04	2.91	2.95	0.04	0.75	0.79	—	4,256	4,256	0.19	0.38	0.39	4,374
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehouse-No Rail	0.09	0.08	0.06	0.95	< 0.005	< 0.005	0.26	0.26	< 0.005	0.07	0.07	—	221	221	0.01	0.01	0.30	223
User Defined Industrial	0.03	0.01	0.34	0.21	< 0.005	< 0.005	0.13	0.13	< 0.005	0.03	0.04	—	297	297	0.02	0.04	0.47	310
Other Asphalt Surfaces	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	0.00
Total	0.12	0.10	0.40	1.17	0.01	0.01	0.39	0.39	0.01	0.10	0.10	—	518	518	0.02	0.05	0.78	533

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

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

Unrefrige rated	—	—	—	—	—	—	—	—	—	—	—	—	320	320	0.03	< 0.005	—	322
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	320	320	0.03	< 0.005	—	322
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	320	320	0.03	< 0.005	—	322
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	320	320	0.03	< 0.005	—	322
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	52.9	52.9	0.01	< 0.005	—	53.3
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Total	—	—	—	—	—	—	—	—	—	—	—	—	52.9	52.9	0.01	< 0.005	—	53.3

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	445	445	0.04	< 0.005	—	446
User Defined Industrial	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
Other Asphalt Surfaces	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
Total	0.04	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	445	445	0.04	< 0.005	—	446
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.04	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	445	445	0.04	< 0.005	—	446
User Defined Industrial	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
Other Asphalt Surfaces	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

Total	0.04	0.02	0.37	0.31	< 0.005	0.03	—	0.03	0.03	—	0.03	—	445	445	0.04	< 0.005	—	446
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	73.6	73.6	0.01	< 0.005	—	73.8
User Defined Industrial	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
Other Asphalt Surfaces	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
Total	0.01	< 0.005	0.07	0.06	< 0.005	0.01	—	0.01	0.01	—	0.01	—	73.6	73.6	0.01	< 0.005	—	73.8

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.56	0.52	0.03	3.17	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	13.1	13.1	< 0.005	< 0.005	—	13.1
Total	0.56	2.32	0.03	3.17	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	13.1	13.1	< 0.005	< 0.005	—	13.1

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.59	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.21	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	1.79	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	0.29	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.04	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.07	0.07	< 0.005	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.48	1.48	< 0.005	< 0.005	—	1.49
Total	0.07	0.39	< 0.005	0.40	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	1.48	1.48	< 0.005	< 0.005	—	1.49

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

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

Unrefrige rated Warehou Rail	—	—	—	—	—	—	—	—	—	—	—	32.3	109	141	3.33	0.08	—	248
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	32.3	109	141	3.33	0.08	—	248
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	32.3	109	141	3.33	0.08	—	248
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	32.3	109	141	3.33	0.08	—	248
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	5.36	18.0	23.4	0.55	0.01	—	41.1
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	5.36	18.0	23.4	0.55	0.01	—	41.1

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	37.0	0.00	37.0	3.70	0.00	—	129
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.0	0.00	37.0	3.70	0.00	—	129
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	37.0	0.00	37.0	3.70	0.00	—	129

User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	37.0	0.00	37.0	3.70	0.00	—	129
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	6.12	0.00	6.12	0.61	0.00	—	21.4
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	6.12	0.00	6.12	0.61	0.00	—	21.4

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Sequest	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	178	15.0	6.06	47,500	2,788	236	94.9	744,136
User Defined Industrial	48.0	4.06	1.63	12,810	1,115	94.3	37.8	297,580
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	109,500	36,500	18,008

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	337,165	346	0.0330	0.0040	1,387,780
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	16,881,250	0.00
User Defined Industrial	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)

Unrefrigerated Warehouse-No Rail	68.6	—
User Defined Industrial	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.9	annual days of extreme heat
Extreme Precipitation	5.05	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events.

Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A

Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	74.2
AQ-PM	93.3
AQ-DPM	61.0
Drinking Water	98.6
Lead Risk Housing	21.4
Pesticides	16.7
Toxic Releases	63.9
Traffic	29.6
Effect Indicators	—
CleanUp Sites	71.6
Groundwater	53.1

Haz Waste Facilities/Generators	97.1
Impaired Water Bodies	23.9
Solid Waste	64.4
Sensitive Population	—
Asthma	49.9
Cardio-vascular	83.2
Low Birth Weights	13.5
Socioeconomic Factor Indicators	—
Education	58.7
Housing	8.50
Linguistic	52.0
Poverty	23.9
Unemployment	18.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	69.9088926
Employed	62.92826896
Median HI	80.39266008
Education	—
Bachelor's or higher	43.17977672
High school enrollment	100
Preschool enrollment	4.221737457
Transportation	—
Auto Access	90.86359553

Active commuting	1.039394328
Social	—
2-parent households	33.23495445
Voting	60.79815219
Neighborhood	—
Alcohol availability	89.41357629
Park access	47.83780316
Retail density	58.01360195
Supermarket access	15.39843449
Tree canopy	23.0334916
Housing	—
Homeownership	95.07250096
Housing habitability	88.68215065
Low-inc homeowner severe housing cost burden	39.98460157
Low-inc renter severe housing cost burden	86.39804953
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	73.78416528
Arthritis	60.6
Asthma ER Admissions	42.8
High Blood Pressure	59.0
Cancer (excluding skin)	55.0
Asthma	61.7
Coronary Heart Disease	72.1
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	58.5
Life Expectancy at Birth	24.1

Cognitively Disabled	60.3
Physically Disabled	69.8
Heart Attack ER Admissions	7.6
Mental Health Not Good	58.7
Chronic Kidney Disease	64.9
Obesity	52.9
Pedestrian Injuries	69.7
Physical Health Not Good	59.3
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	20.5
Current Smoker	62.2
No Leisure Time for Physical Activity	61.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	73.1
English Speaking	54.6
Foreign-born	44.6
Outdoor Workers	28.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	68.0
Traffic Density	32.4
Traffic Access	49.6
Other Indices	—
Hardship	49.8

Other Decision Support	—
2016 Voting	74.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	59.0
Healthy Places Index Score for Project Location (b)	57.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Area is 17.52 acres
Construction: Construction Phases	Construction anticipated to end in 2027
Construction: Off-Road Equipment	Crawler Tractors used in lieu of Tractors/Loaders/Backhoes
Construction: Architectural Coatings	Rule 1113
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic anlysis

Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	No natural gas will be used as part of the Project

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APPENDIX 4.1:

CALEEMOD PROJECT CONSTRUCTION EMISSIONS MODEL OUTPUTS

5088 Edison (Construction) Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	5088 Edison (Construction)
Construction Start Date	1/2/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	9.20
Location	33.99915102972773, -117.6945989806811
County	San Bernardino-South Coast
City	Chino
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5218
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	296	1000sqft	8.59	295,672	78,625	—	—	—

Refrigerated Warehouse-No Rail	98.6	1000sqft	2.26	98,558	0.00	—	—	—
Parking Lot	248	Space	1.84	0.00	0.00	—	—	—
Other Asphalt Surfaces	210	1000sqft	4.82	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.41	2.84	21.3	34.8	0.05	0.77	1.86	2.63	0.71	0.45	1.16	—	7,531	7,531	0.35	0.26	8.42	7,626
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	43.8	48.0	91.4	106	0.42	2.17	62.1	64.2	1.96	11.3	13.3	—	60,572	60,572	5.83	9.14	3.02	63,445
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.71	5.35	20.2	27.3	0.06	0.70	4.81	5.51	0.64	1.02	1.67	—	8,121	8,121	0.52	0.65	4.79	8,334
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.86	0.98	3.70	4.98	0.01	0.13	0.88	1.01	0.12	0.19	0.30	—	1,345	1,345	0.09	0.11	0.79	1,380

2.2. Construction Emissions by Year, Unmitigated

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

Year	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily - Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	3.41	2.84	21.3	34.8	0.05	0.77	1.86	2.63	0.71	0.45	1.16	—	7,531	7,531	0.35	0.26	8.42	7,626
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	43.8	37.1	91.4	106	0.42	2.17	62.1	64.2	1.96	11.3	13.3	—	60,572	60,572	5.83	9.14	3.02	63,445
2027	1.88	48.0	14.0	21.1	0.03	0.60	0.37	0.89	0.55	0.09	0.62	—	3,342	3,342	0.13	0.04	0.04	3,358
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	4.71	3.96	20.2	27.3	0.06	0.70	4.81	5.51	0.64	1.02	1.67	—	8,121	8,121	0.52	0.65	4.79	8,334
2027	0.09	5.35	0.54	0.90	< 0.005	0.02	0.05	0.07	0.02	0.01	0.03	—	166	166	0.01	0.01	0.08	168
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.86	0.72	3.70	4.98	0.01	0.13	0.88	1.01	0.12	0.19	0.30	—	1,345	1,345	0.09	0.11	0.79	1,380
2027	0.02	0.98	0.10	0.17	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	0.01	—	27.4	27.4	< 0.005	< 0.005	0.01	27.8

3. Construction Emissions Details

3.1. Demolition (2026) - Unmitigated

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

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

Off-Road Equipment	36.8	36.2	21.5	67.1	0.03	1.43	—	1.43	1.22	—	1.22	—	3,504	3,504	0.14	0.03	—	3,516
Demolition	—	—	—	—	—	—	46.4	46.4	—	7.02	7.02	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.02	1.98	1.18	3.68	< 0.005	0.08	—	0.08	0.07	—	0.07	—	192	192	0.01	< 0.005	—	193
Demolition	—	—	—	—	—	—	2.54	2.54	—	0.38	0.38	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.37	0.36	0.22	0.67	< 0.005	0.01	—	0.01	0.01	—	0.01	—	31.8	31.8	< 0.005	< 0.005	—	31.9
Demolition	—	—	—	—	—	—	0.46	0.46	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.75	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	166	166	< 0.005	0.01	0.02	168
Vendor	0.01	< 0.005	0.15	0.08	< 0.005	< 0.005	0.03	0.04	< 0.005	0.01	0.01	—	125	125	0.01	0.02	0.01	131
Hauling	6.91	0.81	69.7	38.4	0.39	0.74	15.5	16.2	0.74	4.24	4.98	—	56,777	56,777	5.68	9.09	2.99	59,630
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Worker	< 0.005	< 0.005	< 0.005	0.04	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	9.20	9.20	< 0.005	< 0.005	0.01	9.34
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	6.84	6.84	< 0.005	< 0.005	0.01	7.18
Hauling	0.38	0.05	3.84	2.10	0.02	0.04	0.85	0.89	0.04	0.23	0.27	—	3,110	3,110	0.31	0.50	2.73	3,269
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.52	1.52	< 0.005	< 0.005	< 0.005	1.55
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.13	1.13	< 0.005	< 0.005	< 0.005	1.19
Hauling	0.07	0.01	0.70	0.38	< 0.005	0.01	0.15	0.16	0.01	0.04	0.05	—	515	515	0.05	0.08	0.45	541

3.3. Site Preparation (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.56	3.83	34.6	31.0	0.05	1.77	—	1.77	1.62	—	1.62	—	5,532	5,532	0.22	0.04	—	5,551
Dust From Material Movement	—	—	—	—	—	—	5.66	5.66	—	2.69	2.69	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.12	0.10	0.95	0.85	< 0.005	0.05	—	0.05	0.04	—	0.04	—	152	152	0.01	< 0.005	—	152

Dust From Material Movement	—	—	—	—	—	—	0.16	0.16	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.17	0.16	< 0.005	0.01	—	0.01	0.01	—	0.01	—	25.1	25.1	< 0.005	< 0.005	—	25.2
Dust From Material Movement	—	—	—	—	—	—	0.03	0.03	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.07	0.06	0.75	0.00	0.00	0.17	0.17	0.00	0.04	0.04	—	166	166	< 0.005	0.01	0.02	168
Vendor	0.01	< 0.005	0.09	0.05	< 0.005	< 0.005	0.02	0.02	< 0.005	0.01	0.01	—	75.0	75.0	0.01	0.01	0.01	78.5
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	4.60	4.60	< 0.005	< 0.005	0.01	4.67
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.05	2.05	< 0.005	< 0.005	< 0.005	2.15
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	< 0.005	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	0.76	0.76	< 0.005	< 0.005	< 0.005	0.77
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.34	0.34	< 0.005	< 0.005	< 0.005	0.36

Hauling	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	0.00

3.5. Grading (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	4.03	3.39	30.0	28.7	0.06	1.38	—	1.38	1.27	—	1.27	—	6,715	6,715	0.27	0.05	—	6,738
Dust From Material Movement	—	—	—	—	—	—	2.67	2.67	—	0.98	0.98	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.33	0.28	2.46	2.36	0.01	0.11	—	0.11	0.10	—	0.10	—	552	552	0.02	< 0.005	—	554
Dust From Material Movement	—	—	—	—	—	—	0.22	0.22	—	0.08	0.08	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.06	0.05	0.45	0.43	< 0.005	0.02	—	0.02	0.02	—	0.02	—	91.4	91.4	< 0.005	< 0.005	—	91.7

Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.08	0.08	0.07	0.84	0.00	0.00	0.19	0.19	0.00	0.04	0.04	—	184	184	< 0.005	0.01	0.02	186
Vendor	0.02	< 0.005	0.21	0.11	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.02	—	175	175	0.01	0.03	0.01	183
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.07	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	15.3	15.3	< 0.005	< 0.005	0.02	15.6
Vendor	< 0.005	< 0.005	0.02	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	14.4	14.4	< 0.005	< 0.005	0.02	15.1
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	2.54	2.54	< 0.005	< 0.005	< 0.005	2.58
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	2.38	2.38	< 0.005	< 0.005	< 0.005	2.50
Hauling	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	0.00

3.7. Building Construction (2026) - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.6	25.2	0.05	0.75	—	0.75	0.69	—	0.69	—	4,817	4,817	0.20	0.04	—	4,833
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.56	2.14	19.6	25.2	0.05	0.75	—	0.75	0.69	—	0.69	—	4,817	4,817	0.20	0.04	—	4,833
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.40	1.17	10.8	13.8	0.03	0.41	—	0.41	0.38	—	0.38	—	2,639	2,639	0.11	0.02	—	2,648
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.26	0.21	1.96	2.52	< 0.005	0.08	—	0.08	0.07	—	0.07	—	437	437	0.02	< 0.005	—	438
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.74	0.68	0.51	9.00	0.00	0.00	1.57	1.57	0.00	0.37	0.37	—	1,665	1,665	0.08	0.06	5.67	1,691
Vendor	0.11	0.02	1.20	0.67	0.01	0.02	0.29	0.31	0.02	0.08	0.10	—	1,049	1,049	0.08	0.16	2.75	1,102
Hauling	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.70	0.63	0.56	6.95	0.00	0.00	1.57	1.57	0.00	0.37	0.37	—	1,528	1,528	0.03	0.06	0.15	1,548
Vendor	0.11	0.02	1.25	0.68	0.01	0.02	0.29	0.31	0.02	0.08	0.10	—	1,049	1,049	0.08	0.16	0.07	1,100
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.38	0.35	0.33	3.99	0.00	0.00	0.85	0.85	0.00	0.20	0.20	—	849	849	0.02	0.03	1.34	861
Vendor	0.06	0.01	0.69	0.37	< 0.005	0.01	0.16	0.17	0.01	0.04	0.05	—	575	575	0.04	0.09	0.65	603
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.07	0.06	0.06	0.73	0.00	0.00	0.16	0.16	0.00	0.04	0.04	—	141	141	< 0.005	0.01	0.22	143
Vendor	0.01	< 0.005	0.13	0.07	< 0.005	< 0.005	0.03	0.03	< 0.005	0.01	0.01	—	95.2	95.2	0.01	0.01	0.11	99.8
Hauling	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	0.00

3.9. Paving (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.76	1.47	13.9	19.9	0.03	0.60	—	0.60	0.55	—	0.55	—	3,022	3,022	0.12	0.02	—	3,033
Paving	—	1.75	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.05	0.04	0.38	0.55	< 0.005	0.02	—	0.02	0.02	—	0.02	—	82.8	82.8	< 0.005	< 0.005	—	83.1
Paving	—	0.05	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.01	0.01	0.07	0.10	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	13.7	13.7	< 0.005	< 0.005	—	13.8
Paving	—	0.01	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.09	1.17	0.00	0.00	0.28	0.28	0.00	0.07	0.07	—	271	271	0.01	0.01	0.02	274
Vendor	< 0.005	< 0.005	0.06	0.03	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	49.0	49.0	< 0.005	0.01	< 0.005	51.3
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	7.52	7.52	< 0.005	< 0.005	0.01	7.62
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.34	1.34	< 0.005	< 0.005	< 0.005	1.41
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.01	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	1.24	1.24	< 0.005	< 0.005	< 0.005	1.26

Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	0.22	0.22	< 0.005	< 0.005	< 0.005	0.23
Hauling	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	0.00

3.11. Architectural Coating (2027) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.11	1.50	< 0.005	0.03	—	0.03	0.02	—	0.02	—	178	178	0.01	< 0.005	—	179
Architect ural Coatings	—	47.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.02	0.12	0.16	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	19.5	19.5	< 0.005	< 0.005	—	19.6
Architect ural Coatings	—	5.23	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	< 0.005	< 0.005	0.02	0.03	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	3.23	3.23	< 0.005	< 0.005	—	3.24

Architect Coatings	—	0.95	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.10	1.28	0.00	0.00	0.31	0.31	0.00	0.07	0.07	—	298	298	0.01	0.01	0.03	301
Vendor	0.02	< 0.005	0.23	0.12	< 0.005	< 0.005	0.06	0.06	< 0.005	0.02	0.02	—	196	196	0.01	0.03	0.01	205
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.15	0.00	0.00	0.03	0.03	0.00	0.01	0.01	—	33.1	33.1	< 0.005	< 0.005	0.05	33.5
Vendor	< 0.005	< 0.005	0.03	0.01	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	21.5	21.5	< 0.005	< 0.005	0.02	22.5
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.03	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	5.48	5.48	< 0.005	< 0.005	0.01	5.55
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	3.56	3.56	< 0.005	< 0.005	< 0.005	3.73
Hauling	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	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Remove d	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Demolition	Demolition	1/2/2026	1/29/2026	5.00	20.0	—
Site Preparation	Site Preparation	1/30/2026	2/12/2026	5.00	10.0	—
Grading	Grading	2/13/2026	3/26/2026	5.00	30.0	—
Building Construction	Building Construction	3/27/2026	12/31/2026	5.00	200	—
Paving	Paving	1/1/2027	1/14/2027	5.00	10.0	—
Architectural Coating	Architectural Coating	1/15/2027	3/11/2027	5.00	40.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Demolition	Concrete/Industrial Saws	Diesel	Average	1.00	8.00	33.0	0.73
Demolition	Excavators	Diesel	Average	3.00	8.00	36.0	0.38
Demolition	Rubber Tired Dozers	Diesel	Average	2.00	8.00	367	0.40
Demolition	Crushing/Proc. Equipment	Gasoline	Average	1.00	8.00	12.0	0.85
Site Preparation	Rubber Tired Dozers	Diesel	Average	3.00	8.00	367	0.40
Site Preparation	Crawler Tractors	Diesel	Average	4.00	8.00	87.0	0.43

Grading	Excavators	Diesel	Average	2.00	8.00	36.0	0.38
Grading	Graders	Diesel	Average	1.00	8.00	148	0.41
Grading	Rubber Tired Dozers	Diesel	Average	1.00	8.00	367	0.40
Grading	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Grading	Crawler Tractors	Diesel	Average	2.00	8.00	87.0	0.43
Building Construction	Cranes	Diesel	Average	2.00	8.00	367	0.29
Building Construction	Forklifts	Diesel	Average	5.00	8.00	82.0	0.20
Building Construction	Generator Sets	Diesel	Average	2.00	8.00	14.0	0.74
Building Construction	Tractors/Loaders/Backhoes	Diesel	Average	5.00	8.00	84.0	0.37
Building Construction	Welders	Diesel	Average	2.00	8.00	46.0	0.45
Paving	Pavers	Diesel	Average	4.00	8.00	81.0	0.42
Paving	Paving Equipment	Diesel	Average	4.00	8.00	89.0	0.36
Paving	Rollers	Diesel	Average	4.00	8.00	36.0	0.38
Architectural Coating	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Demolition	—	—	—	—
Demolition	Worker	18.0	13.4	LDA,LDT1,LDT2
Demolition	Vendor	5.00	8.33	HHDT,MHDT
Demolition	Hauling	836	20.0	HHDT
Demolition	Onsite truck	—	—	HHDT
Site Preparation	—	—	—	—
Site Preparation	Worker	18.0	13.4	LDA,LDT1,LDT2
Site Preparation	Vendor	3.00	8.33	HHDT,MHDT

Site Preparation	Hauling	0.00	20.0	HHDT
Site Preparation	Onsite truck	—	—	HHDT
Grading	—	—	—	—
Grading	Worker	20.0	13.4	LDA,LDT1,LDT2
Grading	Vendor	7.00	8.33	HHDT,MHDT
Grading	Hauling	0.00	20.0	HHDT
Grading	Onsite truck	—	—	HHDT
Building Construction	—	—	—	—
Building Construction	Worker	166	13.4	LDA,LDT1,LDT2
Building Construction	Vendor	42.0	8.33	HHDT,MHDT
Building Construction	Hauling	0.00	20.0	HHDT
Building Construction	Onsite truck	—	—	HHDT
Paving	—	—	—	—
Paving	Worker	30.0	13.4	LDA,LDT1,LDT2
Paving	Vendor	2.00	8.33	HHDT,MHDT
Paving	Hauling	0.00	20.0	HHDT
Paving	Onsite truck	—	—	HHDT
Architectural Coating	—	—	—	—
Architectural Coating	Worker	33.0	13.4	LDA,LDT1,LDT2
Architectural Coating	Vendor	8.00	8.33	HHDT,MHDT
Architectural Coating	Hauling	0.00	20.0	HHDT
Architectural Coating	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
Architectural Coating	0.00	0.00	591,345	197,115	17,410

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (Ton of Debris)	Acres Paved (acres)
Demolition	0.00	0.00	0.00	66,862	—
Site Preparation	—	—	35.0	0.00	—
Grading	—	0.00	120	0.00	—
Paving	0.00	0.00	0.00	0.00	6.66

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%
Water Demolished Area	2	36%	36%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Unrefrigerated Warehouse-No Rail	0.00	0%
Refrigerated Warehouse-No Rail	0.00	0%
Parking Lot	1.84	100%
Other Asphalt Surfaces	4.82	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	0.00	532	0.03	< 0.005
2027	0.00	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.9	annual days of extreme heat
Extreme Precipitation	5.05	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events.

Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	74.2
AQ-PM	93.3
AQ-DPM	61.0

Drinking Water	98.6
Lead Risk Housing	21.4
Pesticides	16.7
Toxic Releases	63.9
Traffic	29.6
Effect Indicators	—
CleanUp Sites	71.6
Groundwater	53.1
Haz Waste Facilities/Generators	97.1
Impaired Water Bodies	23.9
Solid Waste	64.4
Sensitive Population	—
Asthma	49.9
Cardio-vascular	83.2
Low Birth Weights	13.5
Socioeconomic Factor Indicators	—
Education	58.7
Housing	8.50
Linguistic	52.0
Poverty	23.9
Unemployment	18.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	69.9088926

Employed	62.92826896
Median HI	80.39266008
Education	—
Bachelor's or higher	43.17977672
High school enrollment	100
Preschool enrollment	4.221737457
Transportation	—
Auto Access	90.86359553
Active commuting	1.039394328
Social	—
2-parent households	33.23495445
Voting	60.79815219
Neighborhood	—
Alcohol availability	89.41357629
Park access	47.83780316
Retail density	58.01360195
Supermarket access	15.39843449
Tree canopy	23.0334916
Housing	—
Homeownership	95.07250096
Housing habitability	88.68215065
Low-inc homeowner severe housing cost burden	39.98460157
Low-inc renter severe housing cost burden	86.39804953
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	73.78416528
Arthritis	60.6

Asthma ER Admissions	42.8
High Blood Pressure	59.0
Cancer (excluding skin)	55.0
Asthma	61.7
Coronary Heart Disease	72.1
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	58.5
Life Expectancy at Birth	24.1
Cognitively Disabled	60.3
Physically Disabled	69.8
Heart Attack ER Admissions	7.6
Mental Health Not Good	58.7
Chronic Kidney Disease	64.9
Obesity	52.9
Pedestrian Injuries	69.7
Physical Health Not Good	59.3
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	20.5
Current Smoker	62.2
No Leisure Time for Physical Activity	61.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	73.1
English Speaking	54.6

Foreign-born	44.6
Outdoor Workers	28.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	68.0
Traffic Density	32.4
Traffic Access	49.6
Other Indices	—
Hardship	49.8
Other Decision Support	—
2016 Voting	74.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	59.0
Healthy Places Index Score for Project Location (b)	57.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Area is 17.52 acres
Construction: Construction Phases	Construction anticipated to end in 2027
Construction: Off-Road Equipment	Crawler Tractors used in lieu of Tractors/Loaders/Backhoes
Construction: Architectural Coatings	Rule 1113
Construction: Trips and VMT	Vendor Trips adjusted based on CalEEMod defaults for Building Construction and number of days for Demolition, Site Preparation, Grading, Building Construction, Paving, and Architectural Coating

5088 Edison (Off-Site Improvements) Detailed Report

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8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	5088 Edison (Off-Site Improvements)
Construction Start Date	3/27/2026
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	9.20
Location	33.99915102972773, -117.6945989806811
County	San Bernardino-South Coast
City	Chino
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5218
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.24

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Road Construction	0.50	Mile	5.00	0.00	—	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.1. Construction Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.68	3.10	25.3	31.5	0.06	1.09	1.26	2.35	1.00	0.19	1.19	—	6,974	6,974	0.28	0.07	1.62	7,004
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.67	3.09	25.4	30.9	0.06	1.09	1.26	2.35	1.00	0.19	1.19	—	6,937	6,937	0.27	0.07	0.04	6,965
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	1.65	1.39	11.5	14.1	0.03	0.48	0.56	1.04	0.44	0.09	0.53	—	3,181	3,181	0.12	0.03	0.33	3,195
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	0.30	0.25	2.10	2.58	0.01	0.09	0.10	0.19	0.08	0.02	0.10	—	527	527	0.02	0.01	0.05	529

2.2. Construction Emissions by Year, Unmitigated

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

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

2026	3.68	3.10	25.3	31.5	0.06	1.09	1.26	2.35	1.00	0.19	1.19	—	6,974	6,974	0.28	0.07	1.62	7,004
Daily - Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	3.67	3.09	25.4	30.9	0.06	1.09	1.26	2.35	1.00	0.19	1.19	—	6,937	6,937	0.27	0.07	0.04	6,965
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	1.65	1.39	11.5	14.1	0.03	0.48	0.56	1.04	0.44	0.09	0.53	—	3,181	3,181	0.12	0.03	0.33	3,195
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2026	0.30	0.25	2.10	2.58	0.01	0.09	0.10	0.19	0.08	0.02	0.10	—	527	527	0.02	0.01	0.05	529

3. Construction Emissions Details

3.1. Linear, Grading & Excavation (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	3.52	2.96	25.2	29.1	0.06	1.09	—	1.09	1.00	—	1.00	—	6,495	6,495	0.26	0.05	—	6,517
Dust From Material Movement	—	—	—	—	—	—	0.83	0.83	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Off-Road Equipment	3.52	2.96	25.2	29.1	0.06	1.09	—	1.09	1.00	—	1.00	—	6,495	6,495	0.26	0.05	—	6,517
Dust From Material Movement	—	—	—	—	—	—	0.83	0.83	—	0.09	0.09	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.97	0.81	6.90	7.97	0.02	0.30	—	0.30	0.27	—	0.27	—	1,779	1,779	0.07	0.01	—	1,785
Dust From Material Movement	—	—	—	—	—	—	0.23	0.23	—	0.02	0.02	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.18	0.15	1.26	1.45	< 0.005	0.05	—	0.05	0.05	—	0.05	—	295	295	0.01	< 0.005	—	296
Dust From Material Movement	—	—	—	—	—	—	0.04	0.04	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.16	0.14	0.13	2.34	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	449	449	0.02	0.02	1.54	455
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.3	30.3	< 0.005	< 0.005	0.08	31.9
Hauling	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.15	0.13	0.14	1.77	0.00	0.00	0.42	0.42	0.00	0.10	0.10	—	411	411	0.01	0.02	0.04	416
Vendor	< 0.005	< 0.005	0.03	0.02	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	30.4	30.4	< 0.005	< 0.005	< 0.005	31.8
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.04	0.04	0.04	0.51	0.00	0.00	0.12	0.12	0.00	0.03	0.03	—	114	114	< 0.005	< 0.005	0.18	116
Vendor	< 0.005	< 0.005	0.01	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	8.31	8.31	< 0.005	< 0.005	0.01	8.72
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.09	0.00	0.00	0.02	0.02	0.00	< 0.005	< 0.005	—	18.9	18.9	< 0.005	< 0.005	0.03	19.2
Vendor	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	< 0.005	—	1.38	1.38	< 0.005	< 0.005	< 0.005	1.44
Hauling	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	0.00

3.3. Linear, Drainage, Utilities, & Sub-Grade (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.85	2.39	21.2	23.3	0.05	0.83	—	0.83	0.76	—	0.76	—	5,693	5,693	0.23	0.05	—	5,712
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	2.85	2.39	21.2	23.3	0.05	0.83	—	0.83	0.76	—	0.76	—	5,693	5,693	0.23	0.05	—	5,712
Dust From Material Movement	—	—	—	—	—	—	0.69	0.69	—	0.07	0.07	—	—	—	—	—	—	—
Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.52	0.44	3.88	4.28	0.01	0.15	—	0.15	0.14	—	0.14	—	1,045	1,045	0.04	0.01	—	1,049
Dust From Material Movement	—	—	—	—	—	—	0.13	0.13	—	0.01	0.01	—	—	—	—	—	—	—
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.10	0.08	0.71	0.78	< 0.005	0.03	—	0.03	0.03	—	0.03	—	173	173	0.01	< 0.005	—	174
Dust From Material Movement	—	—	—	—	—	—	0.02	0.02	—	< 0.005	< 0.005	—	—	—	—	—	—	—
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.13	0.12	0.11	1.98	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	380	380	0.02	0.01	1.30	385

Vendor	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	0.00
Hauling	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	0.00
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.12	0.11	0.12	1.50	0.00	0.00	0.36	0.36	0.00	0.08	0.08	—	348	348	0.01	0.01	0.03	352
Vendor	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	0.00
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.02	0.02	0.02	0.29	0.00	0.00	0.07	0.07	0.00	0.02	0.02	—	64.8	64.8	< 0.005	< 0.005	0.10	65.7
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.05	0.00	0.00	0.01	0.01	0.00	< 0.005	< 0.005	—	10.7	10.7	< 0.005	< 0.005	0.02	10.9
Vendor	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	0.00
Hauling	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	0.00

3.5. Linear, Paving (2026) - Unmitigated

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

Location	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Onsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	1.00	0.84	7.37	10.8	0.01	0.30	—	0.30	0.28	—	0.28	—	1,619	1,619	0.07	0.01	—	1,625

Onsite truck	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.09	0.08	0.67	0.97	< 0.005	0.03	—	0.03	0.03	—	0.03	—	146	146	0.01	< 0.005	—	147
Onsite truck	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Off-Road Equipment	0.02	0.01	0.12	0.18	< 0.005	0.01	—	0.01	< 0.005	—	< 0.005	—	24.2	24.2	< 0.005	< 0.005	—	24.3
Onsite truck	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	0.00
Offsite	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.09	0.08	0.09	1.09	0.00	0.00	0.26	0.26	0.00	0.06	0.06	—	253	253	< 0.005	0.01	0.02	256
Vendor	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	0.00
Hauling	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	0.00
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	0.01	0.01	0.01	0.10	0.00	0.00	0.02	0.02	0.00	0.01	0.01	—	23.2	23.2	< 0.005	< 0.005	0.04	23.5
Vendor	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	0.00
Hauling	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	0.00
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Worker	< 0.005	< 0.005	< 0.005	0.02	0.00	0.00	< 0.005	< 0.005	0.00	< 0.005	< 0.005	—	3.84	3.84	< 0.005	< 0.005	0.01	3.89
Vendor	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	0.00
Hauling	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	0.00

4. Operations Emissions Details

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.1. Construction Schedule

Phase Name	Phase Type	Start Date	End Date	Days Per Week	Work Days per Phase	Phase Description
Linear, Grading & Excavation	Linear, Grading & Excavation	3/27/2026	8/13/2026	5.00	100	—
Linear, Drainage, Utilities, & Sub-Grade	Linear, Drainage, Utilities, & Sub-Grade	8/14/2026	11/16/2026	5.00	67.0	—
Linear, Paving	Linear, Paving	11/17/2026	12/31/2026	5.00	33.0	—

5.2. Off-Road Equipment

5.2.1. Unmitigated

Phase Name	Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor
Linear, Grading & Excavation	Crawler Tractors	Diesel	Average	1.00	8.00	87.0	0.43
Linear, Grading & Excavation	Excavators	Diesel	Average	3.00	8.00	36.0	0.38

Linear, Grading & Excavation	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Grading & Excavation	Rollers	Diesel	Average	2.00	8.00	36.0	0.38
Linear, Grading & Excavation	Rubber Tired Loaders	Diesel	Average	1.00	8.00	150	0.36
Linear, Grading & Excavation	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Grading & Excavation	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Grading & Excavation	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Drainage, Utilities, & Sub-Grade	Air Compressors	Diesel	Average	1.00	8.00	37.0	0.48
Linear, Drainage, Utilities, & Sub-Grade	Generator Sets	Diesel	Average	1.00	8.00	14.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Graders	Diesel	Average	1.00	8.00	148	0.41
Linear, Drainage, Utilities, & Sub-Grade	Plate Compactors	Diesel	Average	1.00	8.00	8.00	0.43
Linear, Drainage, Utilities, & Sub-Grade	Pumps	Diesel	Average	1.00	8.00	11.0	0.74
Linear, Drainage, Utilities, & Sub-Grade	Rough Terrain Forklifts	Diesel	Average	1.00	8.00	96.0	0.40
Linear, Drainage, Utilities, & Sub-Grade	Scrapers	Diesel	Average	2.00	8.00	423	0.48
Linear, Drainage, Utilities, & Sub-Grade	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Drainage, Utilities, & Sub-Grade	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37
Linear, Paving	Pavers	Diesel	Average	1.00	8.00	81.0	0.42
Linear, Paving	Paving Equipment	Diesel	Average	1.00	8.00	89.0	0.36
Linear, Paving	Rollers	Diesel	Average	3.00	8.00	36.0	0.38

Linear, Paving	Signal Boards	Electric	Average	1.00	8.00	6.00	0.82
Linear, Paving	Tractors/Loaders/Backhoes	Diesel	Average	2.00	8.00	84.0	0.37

5.3. Construction Vehicles

5.3.1. Unmitigated

Phase Name	Trip Type	One-Way Trips per Day	Miles per Trip	Vehicle Mix
Linear, Grading & Excavation	—	—	—	—
Linear, Grading & Excavation	Worker	32.5	18.5	LDA,LDT1,LDT2
Linear, Grading & Excavation	Vendor	1.00	10.2	HHDT,MHDT
Linear, Grading & Excavation	Hauling	0.00	20.0	HHDT
Linear, Grading & Excavation	Onsite truck	—	—	HHDT
Linear, Drainage, Utilities, & Sub-Grade	—	—	—	—
Linear, Drainage, Utilities, & Sub-Grade	Worker	27.5	18.5	LDA,LDT1,LDT2
Linear, Drainage, Utilities, & Sub-Grade	Vendor	0.00	10.2	HHDT,MHDT
Linear, Drainage, Utilities, & Sub-Grade	Hauling	0.00	20.0	HHDT
Linear, Drainage, Utilities, & Sub-Grade	Onsite truck	—	—	HHDT
Linear, Paving	—	—	—	—
Linear, Paving	Worker	20.0	18.5	LDA,LDT1,LDT2
Linear, Paving	Vendor	0.00	10.2	HHDT,MHDT
Linear, Paving	Hauling	0.00	20.0	HHDT
Linear, Paving	Onsite truck	—	—	HHDT

5.4. Vehicles

5.4.1. Construction Vehicle Control Strategies

Non-applicable. No control strategies activated by user.

5.5. Architectural Coatings

Phase Name	Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)

5.6. Dust Mitigation

5.6.1. Construction Earthmoving Activities

Phase Name	Material Imported (cy)	Material Exported (cy)	Acres Graded (acres)	Material Demolished (sq. ft.)	Acres Paved (acres)
Linear, Grading & Excavation	—	—	5.00	0.00	—
Linear, Drainage, Utilities, & Sub-Grade	—	—	5.00	0.00	—

5.6.2. Construction Earthmoving Control Strategies

Control Strategies Applied	Frequency (per day)	PM10 Reduction	PM2.5 Reduction
Water Exposed Area	3	74%	74%

5.7. Construction Paving

Land Use	Area Paved (acres)	% Asphalt
Road Construction	5.00	100%

5.8. Construction Electricity Consumption and Emissions Factors

kWh per Year and Emission Factor (lb/MWh)

Year	kWh per Year	CO2	CH4	N2O
2026	88.1	532	0.03	< 0.005

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.9	annual days of extreme heat
Extreme Precipitation	5.05	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A

Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	74.2
AQ-PM	93.3
AQ-DPM	61.0
Drinking Water	98.6
Lead Risk Housing	21.4
Pesticides	16.7
Toxic Releases	63.9
Traffic	29.6
Effect Indicators	—
CleanUp Sites	71.6

Groundwater	53.1
Haz Waste Facilities/Generators	97.1
Impaired Water Bodies	23.9
Solid Waste	64.4
Sensitive Population	—
Asthma	49.9
Cardio-vascular	83.2
Low Birth Weights	13.5
Socioeconomic Factor Indicators	—
Education	58.7
Housing	8.50
Linguistic	52.0
Poverty	23.9
Unemployment	18.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	69.9088926
Employed	62.92826896
Median HI	80.39266008
Education	—
Bachelor's or higher	43.17977672
High school enrollment	100
Preschool enrollment	4.221737457
Transportation	—

Auto Access	90.86359553
Active commuting	1.039394328
Social	—
2-parent households	33.23495445
Voting	60.79815219
Neighborhood	—
Alcohol availability	89.41357629
Park access	47.83780316
Retail density	58.01360195
Supermarket access	15.39843449
Tree canopy	23.0334916
Housing	—
Homeownership	95.07250096
Housing habitability	88.68215065
Low-inc homeowner severe housing cost burden	39.98460157
Low-inc renter severe housing cost burden	86.39804953
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	73.78416528
Arthritis	60.6
Asthma ER Admissions	42.8
High Blood Pressure	59.0
Cancer (excluding skin)	55.0
Asthma	61.7
Coronary Heart Disease	72.1
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	58.5

Life Expectancy at Birth	24.1
Cognitively Disabled	60.3
Physically Disabled	69.8
Heart Attack ER Admissions	7.6
Mental Health Not Good	58.7
Chronic Kidney Disease	64.9
Obesity	52.9
Pedestrian Injuries	69.7
Physical Health Not Good	59.3
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	20.5
Current Smoker	62.2
No Leisure Time for Physical Activity	61.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	73.1
English Speaking	54.6
Foreign-born	44.6
Outdoor Workers	28.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	68.0
Traffic Density	32.4
Traffic Access	49.6
Other Indices	—

Hardship	49.8
Other Decision Support	—
2016 Voting	74.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	59.0
Healthy Places Index Score for Project Location (b)	57.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Construction: Construction Phases	Construction anticipated to be concurrent with Project Building Construction

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APPENDIX 4.2:

CALEEMOD PROJECT REGIONAL OPERATIONAL EMISSIONS MODEL OUTPUTS

5088 Edison (Operations) Detailed Report

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5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

5.18.2. Sequestration

5.18.2.1. Unmitigated

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

6.2. Initial Climate Risk Scores

6.3. Adjusted Climate Risk Scores

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

7.2. Healthy Places Index Scores

7.3. Overall Health & Equity Scores

7.4. Health & Equity Measures

7.5. Evaluation Scorecard

7.6. Health & Equity Custom Measures

8. User Changes to Default Data

1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	5088 Edison (Operations)
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	9.20
Location	33.99915102972773, -117.6945989806811
County	San Bernardino-South Coast
City	Chino
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5218
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	296	1000sqft	8.59	295,672	78,625	—	—	—

User Defined Industrial	296	User Defined Unit	0.00	0.00	0.00	—	—	Passenger Cars for Warehouse
Refrigerated Warehouse-No Rail	98.6	1000sqft	2.26	98,558	0.00	—	—	—
User Defined Industrial	98.6	User Defined Unit	0.00	0.00	0.00	—	—	Passenger Cars for Cold Storage
Parking Lot	248	Space	1.84	0.00	0.00	—	—	—
Other Asphalt Surfaces	210	1000sqft	4.82	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	8.04	15.5	24.1	53.9	0.24	0.50	11.7	12.2	0.48	3.06	3.54	374	28,210	28,585	39.7	3.54	2,697	33,329
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	4.89	12.6	25.0	32.4	0.23	0.47	11.7	12.2	0.45	3.06	3.52	374	27,739	28,114	39.7	3.55	2,628	32,792
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.02	13.1	16.9	34.5	0.17	0.28	8.52	8.79	0.26	2.23	2.49	374	20,762	21,137	39.3	2.71	2,649	25,577
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.92	2.39	3.09	6.30	0.03	0.05	1.55	1.60	0.05	0.41	0.45	62.0	3,437	3,499	6.51	0.45	439	4,235

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.91	2.25	21.2	34.2	0.23	0.32	11.7	12.0	0.31	3.06	3.37	—	25,084	25,084	1.60	3.08	70.0	26,110
Area	3.05	12.3	0.14	17.1	< 0.005	0.03	—	0.03	0.02	—	0.02	—	70.5	70.5	< 0.005	< 0.005	—	70.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,957	1,957	0.19	0.02	—	1,969
Water	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Waste	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	8.04	15.5	24.1	53.9	0.24	0.50	11.7	12.2	0.48	3.06	3.54	374	28,210	28,585	39.7	3.54	2,697	33,329
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	3.81	2.15	22.2	29.9	0.23	0.32	11.7	12.0	0.31	3.06	3.37	—	24,683	24,683	1.60	3.09	1.82	25,645
Area	—	9.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,957	1,957	0.19	0.02	—	1,969
Water	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Waste	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	4.89	12.6	25.0	32.4	0.23	0.47	11.7	12.2	0.45	3.06	3.52	374	27,739	28,114	39.7	3.55	2,628	32,792

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	2.78	1.56	16.4	22.4	0.17	0.24	8.52	8.75	0.23	2.23	2.45	—	18,093	18,093	1.17	2.26	22.1	18,817
Area	2.09	11.4	0.10	11.7	< 0.005	0.02	—	0.02	0.02	—	0.02	—	48.3	48.3	< 0.005	< 0.005	—	48.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,957	1,957	0.19	0.02	—	1,969
Water	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Waste	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Stationary	0.15	0.13	0.38	0.34	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	69.0	69.0	< 0.005	< 0.005	0.00	69.2
Total	5.02	13.1	16.9	34.5	0.17	0.28	8.52	8.79	0.26	2.23	2.49	374	20,762	21,137	39.3	2.71	2,649	25,577
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.51	0.29	3.00	4.09	0.03	0.04	1.55	1.60	0.04	0.41	0.45	—	2,995	2,995	0.19	0.37	3.66	3,115
Area	0.38	2.08	0.02	2.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.00	8.00	< 0.005	< 0.005	—	8.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	324	324	0.03	< 0.005	—	326
Water	—	—	—	—	—	—	—	—	—	—	—	28.9	98.5	127	2.98	0.07	—	223
Waste	—	—	—	—	—	—	—	—	—	—	—	33.1	0.00	33.1	3.30	0.00	—	116
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	435	435
Stationary	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.92	2.39	3.09	6.30	0.03	0.05	1.55	1.60	0.05	0.41	0.45	62.0	3,437	3,499	6.51	0.45	439	4,235

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.36	1.24	0.73	15.8	0.04	0.01	3.60	3.62	0.01	0.91	0.92	—	3,623	3,623	0.11	0.08	10.7	3,660
User Defined Industrial	1.98	0.49	20.2	12.0	0.18	0.30	6.62	6.92	0.29	1.78	2.07	—	19,968	19,968	1.44	2.96	54.9	20,942
Refrigerated Warehouse-No Rail	0.56	0.51	0.30	6.49	0.01	0.01	1.49	1.49	0.01	0.38	0.38	—	1,493	1,493	0.05	0.03	4.41	1,508
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
Total	3.91	2.25	21.2	34.2	0.23	0.32	11.7	12.0	0.31	3.06	3.37	—	25,084	25,084	1.60	3.08	70.0	26,110
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	1.30	1.18	0.81	12.7	0.03	0.01	3.60	3.62	0.01	0.91	0.92	—	3,336	3,336	0.11	0.08	0.28	3,365
User Defined Industrial	1.97	0.48	21.1	12.0	0.18	0.30	6.62	6.92	0.29	1.78	2.07	—	19,972	19,972	1.44	2.97	1.42	20,894

Refrigerated Warehouse Rail	0.54	0.49	0.34	5.24	0.01	0.01	1.49	1.49	0.01	0.38	0.38	—	1,375	1,375	0.05	0.03	0.11	1,387
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
Total	3.81	2.15	22.2	29.9	0.23	0.32	11.7	12.0	0.31	3.06	3.37	—	24,683	24,683	1.60	3.09	1.82	25,645
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.17	0.16	0.11	1.77	< 0.005	< 0.005	0.48	0.48	< 0.005	0.12	0.12	—	409	409	0.01	0.01	0.56	413
User Defined Industrial	0.26	0.06	2.84	1.59	0.02	0.04	0.88	0.92	0.04	0.24	0.27	—	2,417	2,417	0.17	0.36	2.87	2,532
Refrigerated Warehouse-No Rail	0.07	0.06	0.05	0.73	< 0.005	< 0.005	0.20	0.20	< 0.005	0.05	0.05	—	169	169	0.01	< 0.005	0.23	170
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
Total	0.51	0.29	3.00	4.09	0.03	0.04	1.55	1.60	0.04	0.41	0.45	—	2,995	2,995	0.19	0.37	3.66	3,115

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,683	1,683	0.16	0.02	—	1,693
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	208	208	0.02	< 0.005	—	209
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	66.6	66.6	0.01	< 0.005	—	67.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,957	1,957	0.19	0.02	—	1,969
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,683	1,683	0.16	0.02	—	1,693
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse Rail	—	—	—	—	—	—	—	—	—	—	—	—	208	208	0.02	< 0.005	—	209
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	66.6	66.6	0.01	< 0.005	—	67.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,957	1,957	0.19	0.02	—	1,969
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	279	279	0.03	< 0.005	—	280
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	34.4	34.4	< 0.005	< 0.005	—	34.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	11.0	11.0	< 0.005	< 0.005	—	11.1
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	324	324	0.03	< 0.005	—	326

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig- rated Warehou- se-No Rail	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
User Defined Industrial	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
Refrigera- ted Warehou- se-No Rail	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
Parking Lot	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
Other Asphalt Surfaces	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
Total	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig- rated Warehou- se-No Rail	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
User Defined Industrial	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
Refrigera- ted Warehou- se-No Rail	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

Parking Lot	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
Other Asphalt Surfaces	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
Total	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	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
User Defined Industrial	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
Refrigerated Warehouse-No Rail	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
Parking Lot	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
Other Asphalt Surfaces	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
Total	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

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	8.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.05	2.82	0.14	17.1	< 0.005	0.03	—	0.03	0.02	—	0.02	—	70.5	70.5	< 0.005	< 0.005	—	70.8
Total	3.05	12.3	0.14	17.1	< 0.005	0.03	—	0.03	0.02	—	0.02	—	70.5	70.5	< 0.005	< 0.005	—	70.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	8.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	9.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.38	0.35	0.02	2.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.00	8.00	< 0.005	< 0.005	—	8.02
Total	0.38	2.08	0.02	2.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.00	8.00	< 0.005	< 0.005	—	8.02

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	131	448	579	13.5	0.32	—	1,012
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.7	147	191	4.49	0.11	—	335
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	131	448	579	13.5	0.32	—	1,012
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigera ted Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.7	147	191	4.49	0.11	—	335
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	21.7	74.1	95.8	2.23	0.05	—	168
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigera ted Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	7.23	24.4	31.6	0.74	0.02	—	55.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	28.9	98.5	127	2.98	0.07	—	223

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	150	0.00	150	15.0	0.00	—	524
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	49.9	0.00	49.9	4.99	0.00	—	175
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	150	0.00	150	15.0	0.00	—	524
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerate d Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	49.9	0.00	49.9	4.99	0.00	—	175
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	24.8	0.00	24.8	2.48	0.00	—	86.8
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerate d Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	8.27	0.00	8.27	0.83	0.00	—	28.9

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	33.1	0.00	33.1	3.30	0.00	—	116

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Refrigerated Warehouse Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	435	435
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	435	435

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	330	27.9	11.2	88,074	5,170	437	175	1,379,753
User Defined Industrial	180	15.2	6.09	48,041	5,298	448	179	1,413,861
Refrigerated Warehouse-No Rail	136	11.5	4.60	36,297	2,131	180	72.1	568,623
User Defined Industrial	74.0	6.26	2.50	19,749	2,178	184	73.7	581,214
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	591,345	197,115	17,410

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,774,644	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	218,954	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Parking Lot	70,212	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	68,374,150	1,262,649
User Defined Industrial	0.00	0.00
Refrigerated Warehouse-No Rail	22,791,538	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	278	—
User Defined Industrial	0.00	—
Refrigerated Warehouse-No Rail	92.6	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

Refrigerated Warehouse-No Rail	Cold storage	R-404A	3,922	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.9	annual days of extreme heat
Extreme Precipitation	5.05	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	74.2
AQ-PM	93.3
AQ-DPM	61.0
Drinking Water	98.6
Lead Risk Housing	21.4
Pesticides	16.7
Toxic Releases	63.9
Traffic	29.6
Effect Indicators	—
CleanUp Sites	71.6
Groundwater	53.1
Haz Waste Facilities/Generators	97.1
Impaired Water Bodies	23.9
Solid Waste	64.4
Sensitive Population	—
Asthma	49.9
Cardio-vascular	83.2

Low Birth Weights	13.5
Socioeconomic Factor Indicators	—
Education	58.7
Housing	8.50
Linguistic	52.0
Poverty	23.9
Unemployment	18.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	69.9088926
Employed	62.92826896
Median HI	80.39266008
Education	—
Bachelor's or higher	43.17977672
High school enrollment	100
Preschool enrollment	4.221737457
Transportation	—
Auto Access	90.86359553
Active commuting	1.039394328
Social	—
2-parent households	33.23495445
Voting	60.79815219
Neighborhood	—
Alcohol availability	89.41357629

Park access	47.83780316
Retail density	58.01360195
Supermarket access	15.39843449
Tree canopy	23.0334916
Housing	—
Homeownership	95.07250096
Housing habitability	88.68215065
Low-inc homeowner severe housing cost burden	39.98460157
Low-inc renter severe housing cost burden	86.39804953
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	73.78416528
Arthritis	60.6
Asthma ER Admissions	42.8
High Blood Pressure	59.0
Cancer (excluding skin)	55.0
Asthma	61.7
Coronary Heart Disease	72.1
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	58.5
Life Expectancy at Birth	24.1
Cognitively Disabled	60.3
Physically Disabled	69.8
Heart Attack ER Admissions	7.6
Mental Health Not Good	58.7
Chronic Kidney Disease	64.9
Obesity	52.9

Pedestrian Injuries	69.7
Physical Health Not Good	59.3
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	20.5
Current Smoker	62.2
No Leisure Time for Physical Activity	61.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	73.1
English Speaking	54.6
Foreign-born	44.6
Outdoor Workers	28.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	68.0
Traffic Density	32.4
Traffic Access	49.6
Other Indices	—
Hardship	49.8
Other Decision Support	—
2016 Voting	74.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	59.0

Healthy Places Index Score for Project Location (b)	57.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Area is 17.52 acres
Construction: Construction Phases	Construction anticipated to end in 2027
Construction: Off-Road Equipment	Crawler Tractors used in lieu of Tractors/Loaders/Backhoes
Construction: Architectural Coatings	Rule 1113
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic analysis
Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	No natural gas will be used as part of the Project

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APPENDIX 4.3:

CALEEMOD PROJECT LOCALIZED OPERATIONAL EMISSIONS MODEL OUTPUTS

5088 Edison (Localized Operations) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	5088 Edison (Localized Operations)
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	9.20
Location	33.99915102972773, -117.6945989806811
County	San Bernardino-South Coast
City	Chino
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5218
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.23

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	296	1000sqft	8.59	295,672	78,625	—	—	—

User Defined Industrial	296	User Defined Unit	0.00	0.00	0.00	—	—	Passenger Cars for Warehouse
Refrigerated Warehouse-No Rail	98.6	1000sqft	2.26	98,558	0.00	—	—	—
User Defined Industrial	98.6	User Defined Unit	0.00	0.00	0.00	—	—	Passenger Cars for Cold Storage
Parking Lot	248	Space	1.84	0.00	0.00	—	—	—
Other Asphalt Surfaces	210	1000sqft	4.82	0.00	0.00	—	—	—

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	5.76	14.7	5.77	25.0	0.01	0.18	0.27	0.46	0.18	0.07	0.25	374	3,978	4,352	38.4	0.59	2,628	8,116
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	2.62	11.8	5.77	8.26	0.01	0.15	0.27	0.43	0.15	0.07	0.22	374	3,899	4,274	38.4	0.59	2,627	8,038
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.36	12.5	2.64	16.3	0.01	0.05	0.20	0.25	0.04	0.05	0.09	374	3,286	3,660	38.3	0.55	2,627	7,410
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unmit.	0.61	2.28	0.48	2.97	< 0.005	0.01	0.04	0.05	0.01	0.01	0.02	62.0	544	606	6.34	0.09	435	1,227

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.63	1.41	2.88	5.37	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	851	851	0.25	0.13	1.41	898
Area	3.05	12.3	0.14	17.1	< 0.005	0.03	—	0.03	0.02	—	0.02	—	70.5	70.5	< 0.005	< 0.005	—	70.8
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,957	1,957	0.19	0.02	—	1,969
Water	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Waste	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	5.76	14.7	5.77	25.0	0.01	0.18	0.27	0.46	0.18	0.07	0.25	374	3,978	4,352	38.4	0.59	2,628	8,116
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.54	1.32	3.02	5.75	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	843	843	0.26	0.14	0.04	890
Area	—	9.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,957	1,957	0.19	0.02	—	1,969
Water	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Waste	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Stationary	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	2.62	11.8	5.77	8.26	0.01	0.15	0.27	0.43	0.15	0.07	0.22	374	3,899	4,274	38.4	0.59	2,627	8,038

Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.12	0.96	2.17	4.20	0.01	0.01	0.20	0.21	0.01	0.05	0.06	—	616	616	0.19	0.10	0.45	651
Area	2.09	11.4	0.10	11.7	< 0.005	0.02	—	0.02	0.02	—	0.02	—	48.3	48.3	< 0.005	< 0.005	—	48.5
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	1,957	1,957	0.19	0.02	—	1,969
Water	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Waste	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Stationary	0.15	0.13	0.38	0.34	< 0.005	0.02	0.00	0.02	0.02	0.00	0.02	0.00	69.0	69.0	< 0.005	< 0.005	0.00	69.2
Total	3.36	12.5	2.64	16.3	0.01	0.05	0.20	0.25	0.04	0.05	0.09	374	3,286	3,660	38.3	0.55	2,627	7,410
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	0.20	0.17	0.40	0.77	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	102	102	0.03	0.02	0.07	108
Area	0.38	2.08	0.02	2.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.00	8.00	< 0.005	< 0.005	—	8.02
Energy	0.00	0.00	0.00	0.00	0.00	0.00	—	0.00	0.00	—	0.00	—	324	324	0.03	< 0.005	—	326
Water	—	—	—	—	—	—	—	—	—	—	—	28.9	98.5	127	2.98	0.07	—	223
Waste	—	—	—	—	—	—	—	—	—	—	—	33.1	0.00	33.1	3.30	0.00	—	116
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	435	435
Stationary	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.61	2.28	0.48	2.97	< 0.005	0.01	0.04	0.05	0.01	0.01	0.02	62.0	544	606	6.34	0.09	435	1,227

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.91	0.89	0.18	2.19	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	166	166	0.04	0.02	0.34	175
User Defined Industrial	0.34	0.15	2.62	2.28	0.01	0.01	0.11	0.12	0.01	0.03	0.04	—	616	616	0.18	0.10	0.93	651
Refrigerated Warehouse-No Rail	0.38	0.37	0.08	0.90	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	68.6	68.6	0.02	0.01	0.14	72.0
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
Total	1.63	1.41	2.88	5.37	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	851	851	0.25	0.13	1.41	898
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.86	0.84	0.20	2.41	< 0.005	< 0.005	0.12	0.12	< 0.005	0.03	0.03	—	158	158	0.05	0.02	0.01	166
User Defined Industrial	0.33	0.13	2.74	2.35	0.01	0.01	0.11	0.12	0.01	0.03	0.04	—	620	620	0.18	0.10	0.02	655

Refrigerated Warehouse Rail	0.35	0.34	0.08	0.99	< 0.005	< 0.005	0.05	0.05	< 0.005	0.01	0.01	—	65.0	65.0	0.02	0.01	< 0.005	68.6
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
Total	1.54	1.32	3.02	5.75	0.01	0.01	0.27	0.28	0.01	0.07	0.08	—	843	843	0.26	0.14	0.04	890
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.11	0.11	0.03	0.32	< 0.005	< 0.005	0.02	0.02	< 0.005	< 0.005	< 0.005	—	19.3	19.3	0.01	< 0.005	0.02	20.3
User Defined Industrial	0.04	0.02	0.36	0.31	< 0.005	< 0.005	0.01	0.02	< 0.005	< 0.005	< 0.005	—	74.8	74.8	0.02	0.01	0.05	79.0
Refrigerated Warehouse-No Rail	0.05	0.05	0.01	0.13	< 0.005	< 0.005	0.01	0.01	< 0.005	< 0.005	< 0.005	—	7.95	7.95	< 0.005	< 0.005	0.01	8.38
Parking Lot	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	0.00
Other Asphalt Surfaces	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	0.00
Total	0.20	0.17	0.40	0.77	< 0.005	< 0.005	0.04	0.04	< 0.005	0.01	0.01	—	102	102	0.03	0.02	0.07	108

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,683	1,683	0.16	0.02	—	1,693
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	208	208	0.02	< 0.005	—	209
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	66.6	66.6	0.01	< 0.005	—	67.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,957	1,957	0.19	0.02	—	1,969
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,683	1,683	0.16	0.02	—	1,693
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00

Refrigerated Warehouse Rail	—	—	—	—	—	—	—	—	—	—	—	—	208	208	0.02	< 0.005	—	209
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	66.6	66.6	0.01	< 0.005	—	67.0
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	1,957	1,957	0.19	0.02	—	1,969
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	279	279	0.03	< 0.005	—	280
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	34.4	34.4	< 0.005	< 0.005	—	34.6
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	—	11.0	11.0	< 0.005	< 0.005	—	11.1
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	—	324	324	0.03	< 0.005	—	326

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig- rated Warehou- se-No Rail	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
User Defined Industrial	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
Refrigera- ted Warehou- se-No Rail	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
Parking Lot	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
Other Asphalt Surfaces	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
Total	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
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig- rated Warehou- se-No Rail	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
User Defined Industrial	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
Refrigera- ted Warehou- se-No Rail	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

Parking Lot	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
Other Asphalt Surfaces	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
Total	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
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	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
User Defined Industrial	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
Refrigerated Warehouse-No Rail	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
Parking Lot	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
Other Asphalt Surfaces	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
Total	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

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	8.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	3.05	2.82	0.14	17.1	< 0.005	0.03	—	0.03	0.02	—	0.02	—	70.5	70.5	< 0.005	< 0.005	—	70.8
Total	3.05	12.3	0.14	17.1	< 0.005	0.03	—	0.03	0.02	—	0.02	—	70.5	70.5	< 0.005	< 0.005	—	70.8
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	8.46	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	1.02	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	9.48	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	—	1.54	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	—	0.19	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.38	0.35	0.02	2.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.00	8.00	< 0.005	< 0.005	—	8.02
Total	0.38	2.08	0.02	2.14	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	8.00	8.00	< 0.005	< 0.005	—	8.02

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	131	448	579	13.5	0.32	—	1,012
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.7	147	191	4.49	0.11	—	335
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	131	448	579	13.5	0.32	—	1,012
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigera ted Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	43.7	147	191	4.49	0.11	—	335
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	175	595	770	18.0	0.43	—	1,348
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrige rated Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	21.7	74.1	95.8	2.23	0.05	—	168
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigera ted Warehou se-No Rail	—	—	—	—	—	—	—	—	—	—	—	7.23	24.4	31.6	0.74	0.02	—	55.5
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	28.9	98.5	127	2.98	0.07	—	223

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	150	0.00	150	15.0	0.00	—	524
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	49.9	0.00	49.9	4.99	0.00	—	175
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	150	0.00	150	15.0	0.00	—	524
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	49.9	0.00	49.9	4.99	0.00	—	175
Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	200	0.00	200	20.0	0.00	—	699
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	24.8	0.00	24.8	2.48	0.00	—	86.8
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	8.27	0.00	8.27	0.83	0.00	—	28.9

Parking Lot	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Total	—	—	—	—	—	—	—	—	—	—	—	33.1	0.00	33.1	3.30	0.00	—	116

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Refrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2,627	2,627
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Refrigerated Warehouse Rail	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	435	435
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	435	435

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Total	1.08	0.98	2.75	2.51	< 0.005	0.14	0.00	0.14	0.14	0.00	0.14	0.00	504	504	0.02	< 0.005	0.00	505
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5
Total	0.03	0.02	0.07	0.06	< 0.005	< 0.005	0.00	< 0.005	< 0.005	0.00	< 0.005	0.00	11.4	11.4	< 0.005	< 0.005	0.00	11.5

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

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

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

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

Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

Species	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	330	27.9	11.2	88,074	165	14.0	5.59	44,037
User Defined Industrial	180	15.2	6.09	48,041	90.0	7.61	3.05	24,021
Refrigerated Warehouse-No Rail	136	11.5	4.60	36,297	68.0	5.75	2.30	18,148
User Defined Industrial	74.0	6.26	2.50	19,749	37.0	3.13	1.25	9,875
Parking Lot	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	591,345	197,115	17,410

5.10.3. Landscape Equipment

Season	Unit	Value
Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,774,644	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Refrigerated Warehouse-No Rail	218,954	346	0.0330	0.0040	0.00
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Parking Lot	70,212	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	68,374,150	1,262,649
User Defined Industrial	0.00	0.00
Refrigerated Warehouse-No Rail	22,791,538	0.00
User Defined Industrial	0.00	0.00
Parking Lot	0.00	0.00
Other Asphalt Surfaces	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	278	—
User Defined Industrial	0.00	—
Refrigerated Warehouse-No Rail	92.6	—
User Defined Industrial	0.00	—
Parking Lot	0.00	—
Other Asphalt Surfaces	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced

Refrigerated Warehouse-No Rail	Cold storage	R-404A	3,922	7.50	7.50	7.50	25.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	1.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.9	annual days of extreme heat
Extreme Precipitation	5.05	annual days with precipitation above 20 mm
Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about $\frac{3}{4}$ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	74.2
AQ-PM	93.3
AQ-DPM	61.0
Drinking Water	98.6
Lead Risk Housing	21.4
Pesticides	16.7
Toxic Releases	63.9
Traffic	29.6
Effect Indicators	—
CleanUp Sites	71.6
Groundwater	53.1
Haz Waste Facilities/Generators	97.1
Impaired Water Bodies	23.9
Solid Waste	64.4
Sensitive Population	—
Asthma	49.9
Cardio-vascular	83.2

Low Birth Weights	13.5
Socioeconomic Factor Indicators	—
Education	58.7
Housing	8.50
Linguistic	52.0
Poverty	23.9
Unemployment	18.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	69.9088926
Employed	62.92826896
Median HI	80.39266008
Education	—
Bachelor's or higher	43.17977672
High school enrollment	100
Preschool enrollment	4.221737457
Transportation	—
Auto Access	90.86359553
Active commuting	1.039394328
Social	—
2-parent households	33.23495445
Voting	60.79815219
Neighborhood	—
Alcohol availability	89.41357629

Park access	47.83780316
Retail density	58.01360195
Supermarket access	15.39843449
Tree canopy	23.0334916
Housing	—
Homeownership	95.07250096
Housing habitability	88.68215065
Low-inc homeowner severe housing cost burden	39.98460157
Low-inc renter severe housing cost burden	86.39804953
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	73.78416528
Arthritis	60.6
Asthma ER Admissions	42.8
High Blood Pressure	59.0
Cancer (excluding skin)	55.0
Asthma	61.7
Coronary Heart Disease	72.1
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	58.5
Life Expectancy at Birth	24.1
Cognitively Disabled	60.3
Physically Disabled	69.8
Heart Attack ER Admissions	7.6
Mental Health Not Good	58.7
Chronic Kidney Disease	64.9
Obesity	52.9

Pedestrian Injuries	69.7
Physical Health Not Good	59.3
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	20.5
Current Smoker	62.2
No Leisure Time for Physical Activity	61.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	73.1
English Speaking	54.6
Foreign-born	44.6
Outdoor Workers	28.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	68.0
Traffic Density	32.4
Traffic Access	49.6
Other Indices	—
Hardship	49.8
Other Decision Support	—
2016 Voting	74.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	59.0

Healthy Places Index Score for Project Location (b)	57.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Area is 17.52 acres
Construction: Construction Phases	Construction anticipated to end in 2027
Construction: Off-Road Equipment	Crawler Tractors used in lieu of Tractors/Loaders/Backhoes
Construction: Architectural Coatings	Rule 1113
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic anlysis
Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	No natural gas will be used as part of the Project

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APPENDIX 4.4:

CALEEMOD GENERAL PLAN OPERATIONAL EMISSIONS MODEL OUTPUTS

5088 Edison (General Plan Land Use) Detailed Report

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1. Basic Project Information

1.1. Basic Project Information

Data Field	Value
Project Name	5088 Edison (General Plan Land Use)
Operational Year	2027
Lead Agency	—
Land Use Scale	Project/site
Analysis Level for Defaults	County
Windspeed (m/s)	2.60
Precipitation (days)	9.20
Location	33.99915102972773, -117.6945989806811
County	San Bernardino-South Coast
City	Chino
Air District	South Coast AQMD
Air Basin	South Coast
TAZ	5218
EDFZ	10
Electric Utility	Southern California Edison
Gas Utility	Southern California Gas
App Version	2022.1.1.28

1.2. Land Use Types

Land Use Subtype	Size	Unit	Lot Acreage	Building Area (sq ft)	Landscape Area (sq ft)	Special Landscape Area (sq ft)	Population	Description
Unrefrigerated Warehouse-No Rail	237	1000sqft	5.43	236,662	0.00	—	—	Passenger Cars for Warehouse

User Defined Industrial	237	User Defined Unit	0.00	0.00	0.00	—	—	Trucks for Warehouse
Other Asphalt Surfaces	6.65	Acre	6.65	0.00	0.00	—	—	—
General Heavy Industry	237	1000sqft	5.43	236,662	0.00	—	—	Passenger Cars for General Light Industrial
User Defined Industrial	237	User Defined Unit	0.00	0.00	0.00	—	—	Trucks for General Light Industrial

1.3. User-Selected Emission Reduction Measures by Emissions Sector

No measures selected

2. Emissions Summary

2.4. Operations Emissions Compared Against Thresholds

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

Un/Mit.	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	25.0	22.5	30.0	105	0.34	0.94	20.7	21.6	0.92	5.31	6.23	488	42,201	42,689	51.8	3.51	151	45,182
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	21.1	18.9	30.9	71.7	0.33	0.91	20.7	21.6	0.89	5.31	6.21	488	40,916	41,404	51.9	3.53	63.9	43,817
Average Daily (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	20.4	18.6	21.8	72.2	0.26	0.61	16.8	17.4	0.59	4.31	4.91	488	33,957	34,444	51.5	2.87	92.7	36,680
Annual (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unmit.	3.73	3.39	3.98	13.2	0.05	0.11	3.07	3.18	0.11	0.79	0.90	80.8	5,622	5,703	8.52	0.48	15.4	6,073

2.5. Operations Emissions by Sector, Unmitigated

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

Sector	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.40	5.59	20.4	76.0	0.31	0.32	20.7	21.0	0.30	5.31	5.62	—	32,530	32,530	1.72	2.93	89.9	33,538
Area	15.0	14.8	0.17	20.6	< 0.005	0.04	—	0.04	0.03	—	0.03	—	84.7	84.7	< 0.005	< 0.005	—	85.0
Energy	0.43	0.22	3.93	3.31	0.02	0.30	—	0.30	0.30	—	0.30	—	7,872	7,872	0.72	0.05	—	7,904
Water	—	—	—	—	—	—	—	—	—	—	—	210	707	916	21.6	0.52	—	1,611
Waste	—	—	—	—	—	—	—	—	—	—	—	278	0.00	278	27.8	0.00	—	973
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.6
Stationary	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Total	25.0	22.5	30.0	105	0.34	0.94	20.7	21.6	0.92	5.31	6.23	488	42,201	42,689	51.8	3.51	151	45,182
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	7.14	5.33	21.5	63.3	0.29	0.32	20.7	21.0	0.30	5.31	5.62	—	31,330	31,330	1.74	2.96	2.33	32,258
Area	11.4	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Energy	0.43	0.22	3.93	3.31	0.02	0.30	—	0.30	0.30	—	0.30	—	7,872	7,872	0.72	0.05	—	7,904
Water	—	—	—	—	—	—	—	—	—	—	—	210	707	916	21.6	0.52	—	1,611
Waste	—	—	—	—	—	—	—	—	—	—	—	278	0.00	278	27.8	0.00	—	973
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.6
Stationary	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Total	21.1	18.9	30.9	71.7	0.33	0.91	20.7	21.6	0.89	5.31	6.21	488	40,916	41,404	51.9	3.53	63.9	43,817
Average Daily	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	5.82	4.40	17.0	54.1	0.24	0.25	16.8	17.1	0.24	4.31	4.55	—	25,182	25,182	1.37	2.31	31.1	25,935

Area	13.9	13.7	0.12	14.1	< 0.005	0.03	—	0.03	0.02	—	0.02	—	58.0	58.0	< 0.005	< 0.005	—	58.2
Energy	0.43	0.22	3.93	3.31	0.02	0.30	—	0.30	0.30	—	0.30	—	7,872	7,872	0.72	0.05	—	7,904
Water	—	—	—	—	—	—	—	—	—	—	—	210	707	916	21.6	0.52	—	1,611
Waste	—	—	—	—	—	—	—	—	—	—	—	278	0.00	278	27.8	0.00	—	973
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.6
Stationary	0.30	0.27	0.75	0.69	< 0.005	0.04	0.00	0.04	0.04	0.00	0.04	0.00	138	138	0.01	< 0.005	0.00	138
Total	20.4	18.6	21.8	72.2	0.26	0.61	16.8	17.4	0.59	4.31	4.91	488	33,957	34,444	51.5	2.87	92.7	36,680
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Mobile	1.06	0.80	3.10	9.88	0.04	0.05	3.07	3.11	0.04	0.79	0.83	—	4,169	4,169	0.23	0.38	5.15	4,294
Area	2.53	2.50	0.02	2.57	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.60	9.60	< 0.005	< 0.005	—	9.63
Energy	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	1,303	1,303	0.12	0.01	—	1,309
Water	—	—	—	—	—	—	—	—	—	—	—	34.7	117	152	3.57	0.09	—	267
Waste	—	—	—	—	—	—	—	—	—	—	—	46.0	0.00	46.0	4.60	0.00	—	161
Refrig.	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.2	10.2
Stationary	0.05	0.05	0.14	0.13	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	22.8	22.8	< 0.005	< 0.005	0.00	22.9
Total	3.73	3.39	3.98	13.2	0.05	0.11	3.07	3.18	0.11	0.79	0.90	80.8	5,622	5,703	8.52	0.48	15.4	6,073

4. Operations Emissions Details

4.1. Mobile Emissions by Land Use

4.1.1. Unmitigated

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

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

Unrefrig Warehouse-No Rail	1.09	0.99	0.58	12.6	0.03	0.01	2.88	2.90	0.01	0.73	0.74	—	2,898	2,898	0.09	0.06	8.57	2,928
User Defined Industrial	1.68	0.38	17.3	9.91	0.16	0.26	5.55	5.81	0.25	1.49	1.74	—	17,316	17,316	1.26	2.60	44.9	18,168
Other Asphalt Surfaces	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	0.00
General Heavy Industry	4.63	4.22	2.48	53.5	0.12	0.05	12.3	12.3	0.05	3.09	3.14	—	12,316	12,316	0.37	0.27	36.4	12,442
Total	7.40	5.59	20.4	76.0	0.31	0.32	20.7	21.0	0.30	5.31	5.62	—	32,530	32,530	1.72	2.93	89.9	33,538
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	1.04	0.95	0.65	10.2	0.03	0.01	2.88	2.90	0.01	0.73	0.74	—	2,669	2,669	0.09	0.07	0.22	2,692
User Defined Industrial	1.67	0.37	18.1	9.93	0.16	0.26	5.55	5.81	0.25	1.49	1.74	—	17,320	17,320	1.26	2.61	1.16	18,129
Other Asphalt Surfaces	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	0.00
General Heavy Industry	4.43	4.02	2.76	43.2	0.11	0.05	12.3	12.3	0.05	3.09	3.14	—	11,341	11,341	0.39	0.29	0.94	11,437
Total	7.14	5.33	21.5	63.3	0.29	0.32	20.7	21.0	0.30	5.31	5.62	—	31,330	31,330	1.74	2.96	2.33	32,258
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	0.14	0.13	0.09	1.42	< 0.005	< 0.005	0.38	0.38	< 0.005	0.10	0.10	—	327	327	0.01	0.01	0.45	331

User Defined Industrial	0.23	0.05	2.56	1.39	0.02	0.04	0.78	0.81	0.03	0.21	0.24	—	2,207	2,207	0.16	0.33	2.47	2,312
Other Asphalt Surfaces	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	0.00
General Heavy Industry	0.69	0.63	0.45	7.07	0.02	0.01	1.91	1.92	0.01	0.48	0.49	—	1,635	1,635	0.06	0.04	2.24	1,651
Total	1.06	0.80	3.10	9.88	0.04	0.05	3.07	3.11	0.04	0.79	0.83	—	4,169	4,169	0.23	0.38	5.15	4,294

4.2. Energy

4.2.1. Electricity Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,037	1,037	0.10	0.01	—	1,043
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,141	2,141	0.20	0.02	—	2,153
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,178	3,178	0.30	0.04	—	3,196

Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	1,037	1,037	0.10	0.01	—	1,043
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	2,141	2,141	0.20	0.02	—	2,153
Total	—	—	—	—	—	—	—	—	—	—	—	—	3,178	3,178	0.30	0.04	—	3,196
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	—	172	172	0.02	< 0.005	—	173
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	354	354	0.03	< 0.005	—	357
Total	—	—	—	—	—	—	—	—	—	—	—	—	526	526	0.05	0.01	—	529

4.2.3. Natural Gas Emissions By Land Use - Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.13	0.07	1.21	1.02	0.01	0.09	—	0.09	0.09	—	0.09	—	1,442	1,442	0.13	< 0.005	—	1,446
User Defined Industrial	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
Other Asphalt Surfaces	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
General Heavy Industry	0.30	0.15	2.73	2.29	0.02	0.21	—	0.21	0.21	—	0.21	—	3,253	3,253	0.29	0.01	—	3,262
Total	0.43	0.22	3.93	3.31	0.02	0.30	—	0.30	0.30	—	0.30	—	4,695	4,695	0.42	0.01	—	4,708
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrigerated Warehouse-No Rail	0.13	0.07	1.21	1.02	0.01	0.09	—	0.09	0.09	—	0.09	—	1,442	1,442	0.13	< 0.005	—	1,446
User Defined Industrial	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
Other Asphalt Surfaces	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
General Heavy Industry	0.30	0.15	2.73	2.29	0.02	0.21	—	0.21	0.21	—	0.21	—	3,253	3,253	0.29	0.01	—	3,262

Total	0.43	0.22	3.93	3.31	0.02	0.30	—	0.30	0.30	—	0.30	—	4,695	4,695	0.42	0.01	—	4,708
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	0.02	0.01	0.22	0.19	< 0.005	0.02	—	0.02	0.02	—	0.02	—	239	239	0.02	< 0.005	—	239
User Defined Industrial	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
Other Asphalt Surfaces	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
General Heavy Industry	0.05	0.03	0.50	0.42	< 0.005	0.04	—	0.04	0.04	—	0.04	—	539	539	0.05	< 0.005	—	540
Total	0.08	0.04	0.72	0.60	< 0.005	0.05	—	0.05	0.05	—	0.05	—	777	777	0.07	< 0.005	—	779

4.3. Area Emissions by Source

4.3.1. Unmitigated

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

Source	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consum er Product s	10.2	10.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architect ural Coating s	1.22	1.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Landscape	3.66	3.38	0.17	20.6	< 0.005	0.04	—	0.04	0.03	—	0.03	—	84.7	84.7	< 0.005	< 0.005	—	85.0
Total	15.0	14.8	0.17	20.6	< 0.005	0.04	—	0.04	0.03	—	0.03	—	84.7	84.7	< 0.005	< 0.005	—	85.0
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	10.2	10.2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	1.22	1.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	11.4	11.4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Consumer Products	1.85	1.85	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Architectural Coatings	0.22	0.22	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Landscape Equipment	0.46	0.42	0.02	2.57	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.60	9.60	< 0.005	< 0.005	—	9.63
Total	2.53	2.50	0.02	2.57	< 0.005	< 0.005	—	< 0.005	< 0.005	—	< 0.005	—	9.60	9.60	< 0.005	< 0.005	—	9.63

4.4. Water Emissions by Land Use

4.4.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	105	353	458	10.8	0.26	—	805
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	105	353	458	10.8	0.26	—	805
Total	—	—	—	—	—	—	—	—	—	—	—	210	707	916	21.6	0.52	—	1,611
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	105	353	458	10.8	0.26	—	805
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	105	353	458	10.8	0.26	—	805
Total	—	—	—	—	—	—	—	—	—	—	—	210	707	916	21.6	0.52	—	1,611

Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	17.4	58.5	75.9	1.79	0.04	—	133
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	17.4	58.5	75.9	1.79	0.04	—	133
Total	—	—	—	—	—	—	—	—	—	—	—	34.7	117	152	3.57	0.09	—	267

4.5. Waste Emissions by Land Use

4.5.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	419
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	158	0.00	158	15.8	0.00	—	553
Total	—	—	—	—	—	—	—	—	—	—	—	278	0.00	278	27.8	0.00	—	973
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	120	0.00	120	12.0	0.00	—	419
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	158	0.00	158	15.8	0.00	—	553
Total	—	—	—	—	—	—	—	—	—	—	—	278	0.00	278	27.8	0.00	—	973
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Unrefrig erated Wareho use-No Rail	—	—	—	—	—	—	—	—	—	—	—	19.8	0.00	19.8	1.98	0.00	—	69.4
User Defined Industrial	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00
Other Asphalt Surfaces	—	—	—	—	—	—	—	—	—	—	—	0.00	0.00	0.00	0.00	0.00	—	0.00

General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	26.2	0.00	26.2	2.62	0.00	—	91.6
Total	—	—	—	—	—	—	—	—	—	—	—	46.0	0.00	46.0	4.60	0.00	—	161

4.6. Refrigerant Emissions by Land Use

4.6.1. Unmitigated

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

Land Use	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.6
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.6
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	61.6	61.6
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
General Heavy Industry	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.2	10.2
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10.2	10.2

4.7. Offroad Emissions By Equipment Type

4.7.1. Unmitigated

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

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

4.8. Stationary Emissions By Equipment Type

4.8.1. Unmitigated

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

Equipm ent Type	TOG	ROG	NOx	CO	SO2	PM10E	PM10D	PM10T	PM2.5E	PM2.5D	PM2.5T	BCO2	NBCO2	CO2T	CH4	N2O	R	CO2e
Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Total	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Fire Pump	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Total	2.16	1.97	5.50	5.02	0.01	0.29	0.00	0.29	0.29	0.00	0.29	0.00	1,007	1,007	0.04	0.01	0.00	1,011
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Fire Pump	0.05	0.05	0.14	0.13	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	22.8	22.8	< 0.005	< 0.005	0.00	22.9
Total	0.05	0.05	0.14	0.13	< 0.005	0.01	0.00	0.01	0.01	0.00	0.01	0.00	22.8	22.8	< 0.005	< 0.005	0.00	22.9

4.9. User Defined Emissions By Equipment Type

4.9.1. Unmitigated

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

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

4.10. Soil Carbon Accumulation By Vegetation Type

4.10.1. Soil Carbon Accumulation By Vegetation Type - Unmitigated

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

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

Daily, Summer (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Total	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

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

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

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

4.10.3. Avoided and Sequestered Emissions by Species - Unmitigated

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

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

Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Daily, Winter (Max)	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Annual	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Avoided	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Sequestered	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Removed	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Subtotal	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

5. Activity Data

5.9. Operational Mobile Sources

5.9.1. Unmitigated

Land Use Type	Trips/Weekday	Trips/Saturday	Trips/Sunday	Trips/Year	VMT/Weekday	VMT/Saturday	VMT/Sunday	VMT/Year
Unrefrigerated Warehouse-No Rail	264	22.3	8.95	70,459	4,136	350	140	1,103,803
User Defined Industrial	144	12.2	4.88	38,435	4,385	371	148	1,170,342
Other Asphalt Surfaces	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
General Heavy Industry	1,094	155	1,122	351,784	17,138	2,425	17,574	5,511,012
User Defined Industrial	60.0	8.50	61.5	19,293	1,839	260	1,887	591,515

5.10. Operational Area Sources

5.10.1. Hearths

5.10.1.1. Unmitigated

5.10.2. Architectural Coatings

Residential Interior Area Coated (sq ft)	Residential Exterior Area Coated (sq ft)	Non-Residential Interior Area Coated (sq ft)	Non-Residential Exterior Area Coated (sq ft)	Parking Area Coated (sq ft)
0	0.00	709,986	236,662	17,380

5.10.3. Landscape Equipment

Season	Unit	Value

Snow Days	day/yr	0.00
Summer Days	day/yr	250

5.11. Operational Energy Consumption

5.11.1. Unmitigated

Electricity (kWh/yr) and CO2 and CH4 and N2O and Natural Gas (kBTU/yr)

Land Use	Electricity (kWh/yr)	CO2	CH4	N2O	Natural Gas (kBTU/yr)
Unrefrigerated Warehouse-No Rail	1,093,072	346	0.0330	0.0040	4,499,105
User Defined Industrial	0.00	346	0.0330	0.0040	0.00
Other Asphalt Surfaces	0.00	346	0.0330	0.0040	0.00
General Heavy Industry	2,257,217	346	0.0330	0.0040	10,149,513
User Defined Industrial	0.00	346	0.0330	0.0040	0.00

5.12. Operational Water and Wastewater Consumption

5.12.1. Unmitigated

Land Use	Indoor Water (gal/year)	Outdoor Water (gal/year)
Unrefrigerated Warehouse-No Rail	54,728,088	0.00
User Defined Industrial	0.00	0.00
Other Asphalt Surfaces	0.00	0.00
General Heavy Industry	54,728,088	0.00
User Defined Industrial	0.00	0.00

5.13. Operational Waste Generation

5.13.1. Unmitigated

Land Use	Waste (ton/year)	Cogeneration (kWh/year)
Unrefrigerated Warehouse-No Rail	222	—
User Defined Industrial	0.00	—
Other Asphalt Surfaces	0.00	—
General Heavy Industry	293	—
User Defined Industrial	0.00	—

5.14. Operational Refrigeration and Air Conditioning Equipment

5.14.1. Unmitigated

Land Use Type	Equipment Type	Refrigerant	GWP	Quantity (kg)	Operations Leak Rate	Service Leak Rate	Times Serviced
General Heavy Industry	Other commercial A/C and heat pumps	R-410A	2,088	0.30	4.00	4.00	18.0

5.15. Operational Off-Road Equipment

5.15.1. Unmitigated

Equipment Type	Fuel Type	Engine Tier	Number per Day	Hours Per Day	Horsepower	Load Factor

5.16. Stationary Sources

5.16.1. Emergency Generators and Fire Pumps

Equipment Type	Fuel Type	Number per Day	Hours per Day	Hours per Year	Horsepower	Load Factor
Fire Pump	Diesel	2.00	1.00	50.0	300	0.73

5.16.2. Process Boilers

Equipment Type	Fuel Type	Number	Boiler Rating (MMBtu/hr)	Daily Heat Input (MMBtu/day)	Annual Heat Input (MMBtu/yr)

5.17. User Defined

Equipment Type	Fuel Type

5.18. Vegetation

5.18.1. Land Use Change

5.18.1.1. Unmitigated

Vegetation Land Use Type	Vegetation Soil Type	Initial Acres	Final Acres

5.18.1. Biomass Cover Type

5.18.1.1. Unmitigated

Biomass Cover Type	Initial Acres	Final Acres

5.18.2. Sequestration

5.18.2.1. Unmitigated

Tree Type	Number	Electricity Saved (kWh/year)	Natural Gas Saved (btu/year)

6. Climate Risk Detailed Report

6.1. Climate Risk Summary

Cal-Adapt midcentury 2040–2059 average projections for four hazards are reported below for your project location. These are under Representation Concentration Pathway (RCP) 8.5 which assumes GHG emissions will continue to rise strongly through 2050 and then plateau around 2100.

Climate Hazard	Result for Project Location	Unit
Temperature and Extreme Heat	16.9	annual days of extreme heat
Extreme Precipitation	5.05	annual days with precipitation above 20 mm

Sea Level Rise	—	meters of inundation depth
Wildfire	0.00	annual hectares burned

Temperature and Extreme Heat data are for grid cell in which your project are located. The projection is based on the 98th historical percentile of daily maximum/minimum temperatures from observed historical data (32 climate model ensemble from Cal-Adapt, 2040–2059 average under RCP 8.5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Extreme Precipitation data are for the grid cell in which your project are located. The threshold of 20 mm is equivalent to about ¾ an inch of rain, which would be light to moderate rainfall if received over a full day or heavy rain if received over a period of 2 to 4 hours. Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

Sea Level Rise data are for the grid cell in which your project are located. The projections are from Radke et al. (2017), as reported in Cal-Adapt (Radke et al., 2017, CEC-500-2017-008), and consider inundation location and depth for the San Francisco Bay, the Sacramento-San Joaquin River Delta and California coast resulting different increments of sea level rise coupled with extreme storm events. Users may select from four scenarios to view the range in potential inundation depth for the grid cell. The four scenarios are: No rise, 0.5 meter, 1.0 meter, 1.41 meters

Wildfire data are for the grid cell in which your project are located. The projections are from UC Davis, as reported in Cal-Adapt (2040–2059 average under RCP 8.5), and consider historical data of climate, vegetation, population density, and large (> 400 ha) fire history. Users may select from four model simulations to view the range in potential wildfire probabilities for the grid cell. The four simulations make different assumptions about expected rainfall and temperature are: Warmer/drier (HadGEM2-ES), Cooler/wetter (CNRM-CM5), Average conditions (CanESM2), Range of different rainfall and temperature possibilities (MIROC5). Each grid cell is 6 kilometers (km) by 6 km, or 3.7 miles (mi) by 3.7 mi.

6.2. Initial Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A
Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores do not include implementation of climate risk reduction measures.

6.3. Adjusted Climate Risk Scores

Climate Hazard	Exposure Score	Sensitivity Score	Adaptive Capacity Score	Vulnerability Score
Temperature and Extreme Heat	N/A	N/A	N/A	N/A

Extreme Precipitation	N/A	N/A	N/A	N/A
Sea Level Rise	N/A	N/A	N/A	N/A
Wildfire	N/A	N/A	N/A	N/A
Flooding	N/A	N/A	N/A	N/A
Drought	N/A	N/A	N/A	N/A
Snowpack Reduction	N/A	N/A	N/A	N/A
Air Quality Degradation	N/A	N/A	N/A	N/A

The sensitivity score reflects the extent to which a project would be adversely affected by exposure to a climate hazard. Exposure is rated on a scale of 1 to 5, with a score of 5 representing the greatest exposure.

The adaptive capacity of a project refers to its ability to manage and reduce vulnerabilities from projected climate hazards. Adaptive capacity is rated on a scale of 1 to 5, with a score of 5 representing the greatest ability to adapt.

The overall vulnerability scores are calculated based on the potential impacts and adaptive capacity assessments for each hazard. Scores include implementation of climate risk reduction measures.

6.4. Climate Risk Reduction Measures

7. Health and Equity Details

7.1. CalEnviroScreen 4.0 Scores

The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Exposure Indicators	—
AQ-Ozone	74.2
AQ-PM	93.3
AQ-DPM	61.0
Drinking Water	98.6
Lead Risk Housing	21.4
Pesticides	16.7
Toxic Releases	63.9
Traffic	29.6
Effect Indicators	—

CleanUp Sites	71.6
Groundwater	53.1
Haz Waste Facilities/Generators	97.1
Impaired Water Bodies	23.9
Solid Waste	64.4
Sensitive Population	—
Asthma	49.9
Cardio-vascular	83.2
Low Birth Weights	13.5
Socioeconomic Factor Indicators	—
Education	58.7
Housing	8.50
Linguistic	52.0
Poverty	23.9
Unemployment	18.3

7.2. Healthy Places Index Scores

The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

Indicator	Result for Project Census Tract
Economic	—
Above Poverty	69.9088926
Employed	62.92826896
Median HI	80.39266008
Education	—
Bachelor's or higher	43.17977672
High school enrollment	100
Preschool enrollment	4.221737457
Transportation	—

Auto Access	90.86359553
Active commuting	1.039394328
Social	—
2-parent households	33.23495445
Voting	60.79815219
Neighborhood	—
Alcohol availability	89.41357629
Park access	47.83780316
Retail density	58.01360195
Supermarket access	15.39843449
Tree canopy	23.0334916
Housing	—
Homeownership	95.07250096
Housing habitability	88.68215065
Low-inc homeowner severe housing cost burden	39.98460157
Low-inc renter severe housing cost burden	86.39804953
Uncrowded housing	51.79006801
Health Outcomes	—
Insured adults	73.78416528
Arthritis	60.6
Asthma ER Admissions	42.8
High Blood Pressure	59.0
Cancer (excluding skin)	55.0
Asthma	61.7
Coronary Heart Disease	72.1
Chronic Obstructive Pulmonary Disease	71.2
Diagnosed Diabetes	58.5
Life Expectancy at Birth	24.1

Cognitively Disabled	60.3
Physically Disabled	69.8
Heart Attack ER Admissions	7.6
Mental Health Not Good	58.7
Chronic Kidney Disease	64.9
Obesity	52.9
Pedestrian Injuries	69.7
Physical Health Not Good	59.3
Stroke	80.6
Health Risk Behaviors	—
Binge Drinking	20.5
Current Smoker	62.2
No Leisure Time for Physical Activity	61.9
Climate Change Exposures	—
Wildfire Risk	0.0
SLR Inundation Area	0.0
Children	62.5
Elderly	73.1
English Speaking	54.6
Foreign-born	44.6
Outdoor Workers	28.9
Climate Change Adaptive Capacity	—
Impervious Surface Cover	68.0
Traffic Density	32.4
Traffic Access	49.6
Other Indices	—
Hardship	49.8
Other Decision Support	—

2016 Voting	74.9

7.3. Overall Health & Equity Scores

Metric	Result for Project Census Tract
CalEnviroScreen 4.0 Score for Project Location (a)	59.0
Healthy Places Index Score for Project Location (b)	57.0
Project Located in a Designated Disadvantaged Community (Senate Bill 535)	No
Project Located in a Low-Income Community (Assembly Bill 1550)	No
Project Located in a Community Air Protection Program Community (Assembly Bill 617)	No

a: The maximum CalEnviroScreen score is 100. A high score (i.e., greater than 50) reflects a higher pollution burden compared to other census tracts in the state.
b: The maximum Health Places Index score is 100. A high score (i.e., greater than 50) reflects healthier community conditions compared to other census tracts in the state.

7.4. Health & Equity Measures

No Health & Equity Measures selected.

7.5. Evaluation Scorecard

Health & Equity Evaluation Scorecard not completed.

7.6. Health & Equity Custom Measures

No Health & Equity Custom Measures created.

8. User Changes to Default Data

Screen	Justification
Land Use	Total Area is 17.52 acres
Construction: Construction Phases	Construction anticipated to end in 2027
Construction: Off-Road Equipment	Crawler Tractors used in lieu of Tractors/Loaders/Backhoes
Construction: Architectural Coatings	Rule 1113
Operations: Vehicle Data	Trip characteristics based on information provided in the Traffic anlysis

Operations: Fleet Mix	Passenger Car Mix estimated based on the CalEEMod default fleet mix and the ratio of the vehicle classes (LDA, LDT1, LDT2, MDV, & MCY). Truck Mix based on information in the Traffic analysis
Operations: Energy Use	No natural gas will be used as part of the Project

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APPENDIX 4.5:

LST MODELING

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/28/2024
** File: C:\Users\atamase\Desktop\HRAs\14835\14835 Const NOx\14835 Const NOx.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID NOX
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "14835 Const NOx.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL6          VOLUME      435773.585  3762104.589      201.080
LOCATION VOL7          VOLUME      435805.357  3762104.589      201.090
LOCATION VOL8          VOLUME      435835.869  3762104.117      200.850
LOCATION VOL9          VOLUME      435867.641  3762104.116      200.470
LOCATION VOL10         VOLUME      435901.771  3762104.117      199.830
LOCATION VOL11         VOLUME      435933.543  3762104.116      198.590
LOCATION VOL12         VOLUME      435933.752  3762143.909      199.460
LOCATION VOL13         VOLUME      435901.981  3762143.910      200.690
LOCATION VOL14         VOLUME      435867.851  3762143.909      201.190
LOCATION VOL15         VOLUME      435836.079  3762143.910      201.390
LOCATION VOL16         VOLUME      435805.566  3762144.381      201.520
LOCATION VOL17         VOLUME      435773.795  3762144.382      201.520
LOCATION VOL18         VOLUME      435933.752  3762184.173      200.340
LOCATION VOL19         VOLUME      435901.981  3762184.174      201.570
LOCATION VOL20         VOLUME      435867.851  3762184.173      201.920
LOCATION VOL21         VOLUME      435836.079  3762184.174      201.940
LOCATION VOL22         VOLUME      435805.566  3762184.645      201.950
LOCATION VOL23         VOLUME      435773.795  3762184.646      201.950
LOCATION VOL24         VOLUME      435933.910  3762224.280      201.420
LOCATION VOL25         VOLUME      435902.138  3762224.281      202.490
LOCATION VOL26         VOLUME      435868.008  3762224.280      202.770
LOCATION VOL27         VOLUME      435836.236  3762224.281      202.770
LOCATION VOL28         VOLUME      435805.724  3762224.753      202.780
LOCATION VOL29         VOLUME      435773.952  3762224.753      202.770
LOCATION VOL30         VOLUME      435934.067  3762264.545      202.520
LOCATION VOL31         VOLUME      435902.295  3762264.546      203.410
LOCATION VOL32         VOLUME      435868.165  3762264.545      203.650
LOCATION VOL33         VOLUME      435836.394  3762264.546      203.640
LOCATION VOL34         VOLUME      435805.881  3762265.017      203.650
LOCATION VOL35         VOLUME      435774.109  3762265.018      203.640

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LOCATION VOL36	VOLUME	435934.067	3762304.652	203.220
LOCATION VOL37	VOLUME	435902.295	3762304.653	204.050
LOCATION VOL38	VOLUME	435868.165	3762304.652	204.260
LOCATION VOL39	VOLUME	435836.394	3762304.653	204.250
LOCATION VOL40	VOLUME	435805.881	3762305.124	204.260
LOCATION VOL41	VOLUME	435774.109	3762305.125	204.260
LOCATION VOL42	VOLUME	435934.224	3762344.916	203.660
LOCATION VOL43	VOLUME	435902.452	3762344.917	204.490
LOCATION VOL44	VOLUME	435868.323	3762344.916	204.690
LOCATION VOL45	VOLUME	435836.551	3762344.917	204.690
LOCATION VOL46	VOLUME	435806.038	3762345.389	204.690
LOCATION VOL47	VOLUME	435774.266	3762345.389	204.690
LOCATION VOL48	VOLUME	435934.696	3762384.866	204.030
LOCATION VOL49	VOLUME	435902.924	3762384.867	204.800
LOCATION VOL50	VOLUME	435868.794	3762384.866	205.040
LOCATION VOL51	VOLUME	435837.023	3762384.867	205.090
LOCATION VOL52	VOLUME	435806.510	3762385.338	205.130
LOCATION VOL53	VOLUME	435778.809	3762377.937	205.040
LOCATION VOL54	VOLUME	435934.381	3762424.659	204.260
LOCATION VOL55	VOLUME	435902.610	3762424.660	204.860
LOCATION VOL56	VOLUME	435868.480	3762424.659	205.190
LOCATION VOL57	VOLUME	435836.708	3762424.660	205.420
LOCATION VOL58	VOLUME	435804.715	3762414.213	205.440
LOCATION VOL60	VOLUME	435934.853	3762450.610	204.400
LOCATION VOL61	VOLUME	435903.082	3762450.611	204.880
LOCATION VOL62	VOLUME	435868.952	3762450.610	205.280
LOCATION VOL63	VOLUME	435837.846	3762442.784	205.560
LOCATION VOL64	VOLUME	435818.112	3762429.202	205.600
LOCATION VOL65	VOLUME	435793.667	3762396.192	205.240

** Source Parameters **

SRCPARAM VOL6	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL7	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL8	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL9	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL10	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL11	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL12	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL13	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL14	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL15	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL16	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL17	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL18	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL19	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL20	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL21	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL22	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL23	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL24	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL25	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL26	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL27	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL28	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL29	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL30	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL31	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL32	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL33	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL34	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL35	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL36	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL37	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL38	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL39	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL40	0.0092400054	5.000	9.291	1.400
SRCPARAM VOL41	0.0092400054	5.000	9.291	1.400

SRCPARAM	VOL42	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL43	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL44	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL45	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL46	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL47	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL48	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL49	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL50	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL51	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL52	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL53	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL54	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL55	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL56	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL57	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL58	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL60	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL61	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL62	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL63	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL64	0.0092400054	5.000	9.291	1.400
SRCPARAM	VOL65	0.0092400054	5.000	9.291	1.400
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL6	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL7	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL8	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL8	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

**	EMISFACT	VOL8		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	Sunday:									
	EMISFACT	VOL8		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL8		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL8		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL8		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:									
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL9		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:									
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:									
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:									
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL10		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:									
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:									
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:									
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11		HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL11		HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:									
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:									
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:									
	EMISFACT	VOL12		HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL1								

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL63	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL64	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL65	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
SRCGROUP ALL								
SO FINISHED								
**								

** AERMOD Receptor Pathway								

**								
**								
RE STARTING								
INCLUDED "14835 Const NOx.rou"								
RE FINISHED								
**								

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE KCNO_V9_ADJU\KCNO_v9.SFC

PROFFILE KCNO_V9_ADJU\KCNO_v9.PFL

SURFDATA 3179 2012

UAIRDATA 3190 2012

PROFBASE 198.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "14835 CONST NOX.AD\01H1GALL.PLT" 31

SUMMFILE "14835 Const NOx.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	1068	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	1068	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** SETUP Finishes Successfully ***

FF *** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F

```

* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 59 Source(s),
  for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* 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 Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: NOX

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

**This Run Includes: 59 Source(s); 1 Source Group(s); and 99 Receptor(s)

    with: 0 POINT(s), including
           0 POINTCAP(s) and 0 POINTHOR(s)
    and: 59 VOLUME source(s)
    and: 0 AREA type source(s)
    and: 0 LINE source(s)
    and: 0 RLINE/RLINEXT source(s)
    and: 0 OPENPIT source(s)
    and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
    and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
    Model Outputs Tables of 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) = 198.00 ; 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: 14835 Const
NOx.err
**File for Summary of Results: 14835 Const
NOx.sum
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR VARY								
	CATS.	BY							
VOL6		0	0.92400E-02	435773.6	3762104.6	201.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL7		0	0.92400E-02	435805.4	3762104.6	201.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL8		0	0.92400E-02	435835.9	3762104.1	200.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL9		0	0.92400E-02	435867.6	3762104.1	200.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL10		0	0.92400E-02	435901.8	3762104.1	199.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL11		0	0.92400E-02	435933.5	3762104.1	198.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL12		0	0.92400E-02	435933.8	3762143.9	199.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL13		0	0.92400E-02	435902.0	3762143.9	200.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL14		0	0.92400E-02	435867.9	3762143.9	201.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL15		0	0.92400E-02	435836.1	3762143.9	201.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL16		0	0.92400E-02	435805.6	3762144.4	201.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL17		0	0.92400E-02	435773.8	3762144.4	201.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL18		0	0.92400E-02	435933.8	3762184.2	200.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL19		0	0.92400E-02	435902.0	3762184.2	201.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL20		0	0.92400E-02	435867.9	3762184.2	201.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL21		0	0.92400E-02	435836.1	3762184.2	201.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL22		0	0.92400E-02	435805.6	3762184.6	202.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL23		0	0.92400E-02	435773.8	3762184.6	202.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL24		0	0.92400E-02	435933.9	3762224.3	201.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL25		0	0.92400E-02	435902.1	3762224.3	202.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL26		0	0.92400E-02	435868.0	3762224.3	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL27		0	0.92400E-02	435836.2	3762224.3	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL28		0	0.92400E-02	435805.7	3762224.8	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL29		0	0.92400E-02	435774.0	3762224.8	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL30		0	0.92400E-02	435934.1	3762264.5	202.5	5.00	9.29	1.40
YES	HRDOW		NO						

VOL31	0	0.92400E-02	435902.3	3762264.5	203.4	5.00	9.29	1.40
YES HRDOW		NO						
VOL32	0	0.92400E-02	435868.2	3762264.5	203.7	5.00	9.29	1.40
YES HRDOW		NO						
VOL33	0	0.92400E-02	435836.4	3762264.5	203.6	5.00	9.29	1.40
YES HRDOW		NO						
VOL34	0	0.92400E-02	435805.9	3762265.0	203.7	5.00	9.29	1.40
YES HRDOW		NO						
VOL35	0	0.92400E-02	435774.1	3762265.0	203.6	5.00	9.29	1.40
YES HRDOW		NO						
VOL36	0	0.92400E-02	435934.1	3762304.7	203.2	5.00	9.29	1.40
YES HRDOW		NO						
VOL37	0	0.92400E-02	435902.3	3762304.7	204.1	5.00	9.29	1.40
YES HRDOW		NO						
VOL38	0	0.92400E-02	435868.2	3762304.7	204.3	5.00	9.29	1.40
YES HRDOW		NO						
VOL39	0	0.92400E-02	435836.4	3762304.7	204.2	5.00	9.29	1.40
YES HRDOW		NO						
VOL40	0	0.92400E-02	435805.9	3762305.1	204.3	5.00	9.29	1.40
YES HRDOW		NO						
VOL41	0	0.92400E-02	435774.1	3762305.1	204.3	5.00	9.29	1.40
YES HRDOW		NO						
VOL42	0	0.92400E-02	435934.2	3762344.9	203.7	5.00	9.29	1.40
YES HRDOW		NO						
VOL43	0	0.92400E-02	435902.5	3762344.9	204.5	5.00	9.29	1.40
YES HRDOW		NO						
VOL44	0	0.92400E-02	435868.3	3762344.9	204.7	5.00	9.29	1.40
YES HRDOW		NO						
VOL45	0	0.92400E-02	435836.6	3762344.9	204.7	5.00	9.29	1.40
YES HRDOW		NO						

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

		NUMBER EMISSION RATE				BASE	RELEASE	INIT.	INIT.
		URBAN	EMISSION RATE	AIRCRAFT					
SOURCE	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ	
SOURCE	SCALAR	VARY							
ID	CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)		
(METERS)		BY							

VOL46		0	0.92400E-02	435806.0	3762345.4	204.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL47		0	0.92400E-02	435774.3	3762345.4	204.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL48		0	0.92400E-02	435934.7	3762384.9	204.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL49		0	0.92400E-02	435902.9	3762384.9	204.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL50		0	0.92400E-02	435868.8	3762384.9	205.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL51		0	0.92400E-02	435837.0	3762384.9	205.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL52		0	0.92400E-02	435806.5	3762385.3	205.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL53		0	0.92400E-02	435778.8	3762377.9	205.0	5.00	9.29	1.40
YES	HRDOW		NO						

```
*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
```

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

URBAN ID	URBAN POP	SOURCE IDs										
-----	-----											
	2035210.	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	
	VOL11	,	VOL12	,								
VOL13	,											
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,
	VOL61	,	VOL62	,								
	VOL63	,	VOL64	,	VOL65	,						

```

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CO\14835 Const CO.is *** 05/28/24

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

```
* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
```

SOURCE ID = VOL6				; SOURCE TYPE = VOLUME				:			
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR							

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

```

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

```

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

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.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48
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PAGE 9
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48
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PAGE 10
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	


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.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      17:57:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

DAY OF WEEK = SATURDAY

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

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
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*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      17:57:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

DAY OF WEEK = SATURDAY

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -

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                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
***
                                PAGE 20
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
***
                                PAGE 21
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                17:57:48

                                PAGE 25
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                ***
                                17:57:48

                                PAGE 26
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                ***
                                17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR

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SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24
 *** AERMET - VERSION 16216 ***
 *** *** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :											
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24
 *** AERMET - VERSION 16216 ***
 *** *** 17:57:48

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

```
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						

```

  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 17:57:48
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .1000E+01  10 .1000E+01  11 .1000E+01  12 .1000E+01  13 .1000E+01  14
.1000E+01  15 .1000E+01  16 .1000E+01
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
.0000E+00   7 .0000E+00   8 .0000E+00
  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 17:57:48
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                                PAGE 35
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  -----
                                DAY OF WEEK = WEEKDAY
  1 .0000E+00   2 .0000E+00   3 .0000E+00   4 .0000E+00   5 .0000E+00   6
```

```

.0000E+00    7 .0000E+00    8 .0000E+00
9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
FF *** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
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17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = VOL36      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -

```

DAY OF WEEK = WEEKDAY

```

1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00

```

DAY OF WEEK = SATURDAY

```

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

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DAY OF WEEK = SUNDAY

```

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

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FF *** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

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                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                PAGE 44
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -

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- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
                                PAGE 45
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
                                PAGE 46
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SUNDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :

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    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR
    SCALAR    HOUR    SCALAR    HOUR    SCALAR
-----
                                DAY OF WEEK = WEEKDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
      .0000E+00    7 .0000E+00    8 .0000E+00
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
      .1000E+01   15 .1000E+01   16 .1000E+01
     17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
      .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
      .0000E+00    7 .0000E+00    8 .0000E+00
      9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
      .0000E+00   15 .0000E+00   16 .0000E+00
     17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
      .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
      .0000E+00    7 .0000E+00    8 .0000E+00
      9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
      .0000E+00   15 .0000E+00   16 .0000E+00
     17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
      .0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL54      ; SOURCE TYPE = VOLUME      :
    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR    SCALAR    HOUR
    SCALAR    HOUR    SCALAR    HOUR    SCALAR
-----
                                DAY OF WEEK = WEEKDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
      .0000E+00    7 .0000E+00    8 .0000E+00
      9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
      .1000E+01   15 .1000E+01   16 .1000E+01
     17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
      .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
      .0000E+00    7 .0000E+00    8 .0000E+00
      9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
      .0000E+00   15 .0000E+00   16 .0000E+00
     17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
      .0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
      1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
      .0000E+00    7 .0000E+00    8 .0000E+00
      9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
      .0000E+00   15 .0000E+00   16 .0000E+00
     17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
      .0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						

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  9 .0000E+00  10 .0000E+00  11 .0000E+00  12 .0000E+00  13 .0000E+00  14
.0000E+00  15 .0000E+00  16 .0000E+00
17 .0000E+00  18 .0000E+00  19 .0000E+00  20 .0000E+00  21 .0000E+00  22
.0000E+00  23 .0000E+00  24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6


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.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      17:57:48
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                                PAGE 59
*** MODELOPTs:      RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
```

```
SOURCE ID = VOL60      ; SOURCE TYPE = VOLUME      :
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13 .1000E+01     14
.1000E+01     15 .1000E+01     16 .1000E+01
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      17:57:48
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                                PAGE 60
*** MODELOPTs:      RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
```

```
SOURCE ID = VOL61      ; SOURCE TYPE = VOLUME      :
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
                                DAY OF WEEK = WEEKDAY
```

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
 .0000E+00 7 .0000E+00 8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
 .1000E+01 15 .1000E+01 16 .1000E+01
 17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
 .0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
 (X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
 (METERS)

(435742.0, 3762152.2, 201.6, 201.6, 2.0); (435724.1, 3762298.9,
 204.2, 204.2, 2.0);
 (435747.3, 3762361.5, 204.9, 204.9, 2.0); (435723.3, 3762502.5,
 205.9, 205.9, 2.0);
 (435859.2, 3762496.3, 205.7, 205.7, 2.0); (435967.0, 3762529.9,
 206.1, 206.1, 2.0);
 (436013.8, 3762335.4, 202.6, 202.6, 2.0); (435991.2, 3762044.9,
 197.4, 197.4, 2.0);
 (435909.2, 3762031.6, 199.3, 199.3, 2.0); (435769.4, 3762027.0,
 200.2, 200.2, 2.0);
 (435725.6, 3762045.7, 200.4, 200.4, 2.0); (435688.9, 3762895.7,
 206.6, 206.6, 2.0);
 (436376.3, 3762576.8, 211.3, 211.3, 2.0); (436377.4, 3762051.5,
 201.8, 201.8, 2.0);
 (436105.0, 3762031.0, 198.8, 198.8, 2.0); (437041.7, 3761960.2,
 200.2, 200.2, 2.0);
 (437485.0, 3761801.1, 200.1, 200.1, 2.0); (435575.7, 3762106.9,
 201.2, 201.2, 2.0);

(435629.2, 3761948.7, 198.6, 198.6, 2.0);	(435594.1, 3761601.1, 195.5, 195.5, 2.0);
(435574.5, 3761483.1, 194.5, 194.5, 2.0);	(435576.8, 3761349.6, 192.1, 192.1, 2.0);
(435533.1, 3761323.1, 193.0, 193.0, 2.0);	(435533.1, 3761467.0, 195.3, 195.3, 2.0);
(435532.5, 3761590.1, 196.5, 196.5, 2.0);	(435521.6, 3761735.7, 197.9, 197.9, 2.0);
(435455.4, 3762121.9, 203.9, 203.9, 2.0);	(435308.6, 3761998.2, 200.8, 200.8, 2.0);
(435089.4, 3762109.2, 201.1, 201.1, 2.0);	(435008.2, 3762102.3, 200.5, 200.5, 2.0);
(434982.9, 3762041.9, 200.1, 200.1, 2.0);	(434916.2, 3762045.3, 200.7, 200.7, 2.0);
(434913.9, 3762096.6, 200.7, 200.7, 2.0);	(434808.0, 3762044.8, 201.4, 201.4, 2.0);
(434644.5, 3762110.9, 201.1, 201.1, 2.0);	(434570.3, 3762032.1, 200.8, 200.8, 2.0);
(434509.9, 3762100.0, 200.0, 200.0, 2.0);	(434450.6, 3762027.5, 199.4, 199.4, 2.0);
(434373.5, 3762101.2, 199.2, 199.2, 2.0);	(434250.3, 3762028.1, 197.3, 197.3, 2.0);
(434184.1, 3762102.3, 196.4, 196.4, 2.0);	(434103.6, 3762020.6, 197.8, 197.8, 2.0);
(433979.3, 3762102.9, 196.1, 196.1, 2.0);	(433986.2, 3762035.6, 196.2, 196.2, 2.0);
(433812.4, 3762100.0, 195.1, 195.1, 2.0);	(433884.3, 3762044.8, 196.0, 196.0, 2.0);
(433817.0, 3762048.2, 195.7, 195.7, 2.0);	(433738.1, 3762068.4, 195.5, 195.5, 2.0);
(433707.6, 3762141.4, 195.8, 195.8, 2.0);	(433650.7, 3762113.3, 197.1, 197.1, 2.0);
(433607.5, 3762151.2, 197.7, 197.7, 2.0);	(433553.4, 3762214.5, 198.8, 198.8, 2.0);
(433646.1, 3762194.4, 197.2, 197.2, 2.0);	(433540.8, 3762317.0, 198.6, 198.6, 2.0);
(433490.7, 3762288.2, 199.3, 199.3, 2.0);	(433461.3, 3762325.6, 199.6, 199.6, 2.0);
(433505.6, 3762364.2, 199.0, 199.0, 2.0);	(433406.7, 3762363.0, 200.0, 200.0, 2.0);
(433365.8, 3762459.7, 197.0, 197.0, 2.0);	(433280.6, 3762509.8, 196.9, 196.9, 2.0);
(433052.7, 3762772.8, 207.1, 207.1, 2.0);	(433099.9, 3762716.4, 204.5, 204.5, 2.0);
(435530.8, 3762264.6, 204.3, 204.3, 2.0);	(435575.1, 3762162.8, 201.3, 201.3, 2.0);
(435579.1, 3762300.9, 204.3, 204.3, 2.0);	(435572.8, 3762402.1, 205.1, 205.1, 2.0);
(435534.2, 3762377.4, 205.7, 205.7, 2.0);	(435510.1, 3762594.4, 205.8, 205.8, 2.0);
(435590.6, 3762718.1, 210.1, 210.1, 2.0);	(435533.7, 3762701.4, 209.6, 209.6, 2.0);
(435531.9, 3762761.2, 211.3, 211.3, 2.0);	(435533.1, 3762842.4, 209.0, 209.0, 2.0);
(435530.2, 3762901.7, 208.9, 208.9, 2.0);	(435576.2, 3762894.8, 208.5, 208.5, 2.0);
(436074.6, 3762112.1, 199.4, 199.4, 2.0);	(436197.8, 3762106.9, 202.0, 202.0, 2.0);
(436282.4, 3762105.8, 203.1, 203.1, 2.0);	(436632.3, 3762115.6, 201.1, 201.1, 2.0);
(436320.9, 3762136.3, 203.5, 203.5, 2.0);	(436318.6, 3762239.3, 205.8, 205.8, 2.0);
(436315.2, 3762364.2, 207.9, 207.9, 2.0);	(436400.9, 3762308.3, 206.8, 206.8, 2.0);
(436384.2, 3762390.1, 207.0, 207.0, 2.0);	(436316.9, 3762460.3, 204.6, 204.6, 2.0);

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*** AERMOD - VERSION 23132 ***      C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***           05/28/24
*** AERMET - VERSION 16216 ***
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*** AERMOD - VERSION 23132 ***      C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***            05/28/24
*** AERMET - VERSION 16216 ***
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*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
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12	01	01	1	19	-8.0	0.118	-9.000	-9.000	-999.	120.	18.2	0.09	0.74	1.00	1.43
37.			7.9	290.4	2.0										
12	01	01	1	20	-7.7	0.115	-9.000	-9.000	-999.	94.	17.6	0.09	0.74	1.00	1.40
49.			7.9	287.0	2.0										
12	01	01	1	21	-9.7	0.130	-9.000	-9.000	-999.	113.	20.2	0.09	0.74	1.00	1.57
26.			7.9	288.8	2.0										
12	01	01	1	22	-4.8	0.090	-9.000	-9.000	-999.	65.	13.6	0.09	0.74	1.00	1.11
56.			7.9	284.9	2.0										
12	01	01	1	23	-11.5	0.141	-9.000	-9.000	-999.	127.	21.9	0.09	0.74	1.00	1.69
36.			7.9	282.0	2.0										
12	01	01	1	24	-16.9	0.172	-9.000	-9.000	-999.	171.	32.4	0.09	0.74	1.00	2.03
33.			7.9	279.9	2.0										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	313.	0.73	279.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24
 *** AERMET - VERSION 16216 ***
 *** 17:57:48

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL6 , VOL7 ,
 VOL8 , VOL9 , VOL10 ,
 VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
 VOL16 , VOL17 , VOL18 ,
 VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
 VOL24 , VOL25 , VOL26 ,
 VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
 VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN **
 MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
435742.02	3762152.20	50.00286	(12020616)	435724.12	
3762298.86	45.75130	(12020616)			
435747.26	3762361.49	65.43564	(12020616)	435723.30	
3762502.55	27.37973	(13021809)			
435859.19	3762496.30	66.31786	(14120516)	435966.95	
3762529.88	58.31404	(14120516)			
436013.81	3762335.43	50.79164	(12122516)	435991.16	
3762044.92	40.07978	(14120116)			
435909.17	3762031.65	42.39506	(15122816)	435769.38	
3762026.96	32.58961	(12122413)			
435725.65	3762045.70	29.00529	(12122413)	435688.89	
3762895.70	5.54807	(15012916)			
436376.34	3762576.84	9.63968	(12121716)	436377.42	
3762051.52	11.40988	(12122516)			
436105.04	3762030.98	16.46686	(12122516)	437041.68	
3761960.23	4.04891	(12122516)			
437484.97	3761801.09	2.56018	(12122516)	435575.67	
3762106.93	15.08461	(12020616)			
435629.19	3761948.67	11.47981	(14122316)	435594.08	

3761601.07	4.29258	(14120215)	
435574.52	3761483.10	3.03231	(14120215) 435576.82
3761349.59	2.52634	(14120216)	
435533.08	3761323.11	2.19524	(14120216) 435533.08
3761466.98	3.10487	(14120215)	
435532.51	3761590.14	3.96532	(14120215) 435521.57
3761735.74	4.85298	(14122316)	
435455.39	3762121.89	8.89861	(12020616) 435308.64
3761998.16	5.46060	(12020616)	
435089.38	3762109.23	2.88739	(12021516) 435008.24
3762102.32	2.51960	(12021516)	
434982.92	3762041.90	2.17217	(12020615) 434916.16
3762045.35	1.98208	(12020615)	
434913.86	3762096.57	2.18560	(12021516) 434807.97
3762044.77	1.73657	(12021516)	
434644.53	3762110.95	1.53405	(12021516) 434570.29
3762032.11	1.31336	(12021516)	
434509.87	3762100.02	1.28845	(12021516) 434450.59
3762027.51	1.15342	(12021516)	
434373.48	3762101.17	1.08665	(12021516) 434250.32
3762028.08	0.94361	(12021516)	
434184.14	3762102.32	0.86375	(12021516) 434103.58
3762020.60	0.81283	(12021516)	
433979.27	3762102.90	0.68176	(15022010) 433986.18
3762035.57	0.72396	(12021516)	
433812.38	3762100.02	0.64643	(12011709) 433884.32
3762044.77	0.65300	(12120309)	
433816.98	3762048.23	0.63095	(12120309) 433738.14
3762068.37	0.62103	(15022010)	
433707.64	3762141.45	0.64994	(12011709) 433650.67
3762113.26	0.62974	(12011709)	
433607.51	3762151.24	0.63713	(12011709) 433553.41
3762214.54	0.63414	(12011709)	
433646.06	3762194.40	0.65040	(12011709) 433540.75
3762316.98	0.59802	(12011709)	
433490.68	3762288.20	0.60421	(12011709) 433461.33
3762325.61	0.58048	(12011709)	
433505.65	3762364.17	0.57717	(12102309) 433406.66
3762363.02	0.56172	(12102309)	
433365.80	3762459.70	0.58891	(13012412) 433280.63
3762509.77	0.58833	(13012412)	
433052.74	3762772.76	0.55631	(14012409) 433099.93
3762716.37	0.55930	(14012409)	
435530.78	3762264.61	10.53097	(16010610) 435575.09
3762162.75	15.16539	(12020616)	
435579.12	3762300.86	13.39793	(16010610) 435572.79
3762402.15	12.79977	(14121615)	
435534.23	3762377.40	10.63043	(14121615) 435510.06
3762594.36	6.45171	(13021810)	
435590.63	3762718.09	8.07997	(13021809) 435533.66
3762701.40	7.43318	(13021809)	
435531.93	3762761.25	6.55804	(13021809) 435533.08
3762842.40	4.91572	(13021809)	
435530.21	3762901.67	3.67855	(13021809) 435576.24
3762894.77	4.57943	(15012916)	
436074.62	3762112.10	32.80988	(12122516) 436197.77
3762106.93	19.72798	(12122516)	
436282.37	3762105.77	15.32399	(12122516) 436632.26
3762115.56	7.07189	(12122516)	
436320.92	3762136.28	13.97493	(12122516) 436318.62
3762239.29	13.67178	(12122516)	

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL6 , VOL7 ,
 VOL8 , VOL9 , VOL10 ,
 VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
 VOL16 , VOL17 , VOL18 ,
 VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
 VOL24 , VOL25 , VOL26 ,
 VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
 VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN
 MICROGRAMS/M**3 **

X-COORD (M) (M)	Y-COORD (M) CONC (YYMMDDHH)	CONC (YYMMDDHH)	X-COORD (M)	Y-COORD
436315.17	3762364.17	10.13106 (12120416)	436400.92	
3762308.35	7.48189 (12122516)			
436384.23	3762390.06	8.36722 (12120416)	436316.89	
3762460.27	11.70563 (12120416)			
436300.21	3762696.22	10.38695 (12121716)	436315.74	
3762804.41	5.44171 (14111116)			
436373.29	3762854.48	4.42454 (14111116)	436382.50	
3762714.64	9.30056 (12121716)			
436383.65	3762547.17	9.54819 (12120416)	436377.90	
3762595.51	9.85963 (12121716)			
436384.23	3762473.51	9.69606 (12120416)	436845.19	
3762097.72	4.70897 (12122516)			
436981.01	3762093.69	3.64479 (12122516)	437132.93	
3762087.36	2.74336 (12122516)			
437612.89	3761991.83	1.64479 (12122516)	438134.86	
3762039.02	0.67070 (12012409)			
438656.82	3762038.44	0.56638 (16122109)	438836.95	
3762037.87	0.54757 (12122709)			
438830.04	3762098.87	0.56286 (12122709)		

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 17:57:48

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN
 MICROGRAMS/M**3 **

DATE

GROUP ID	AVERAGE CONC (YYMMDDHH)	NETWORK RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG)	OF TYPE GRID-ID	

ALL HIGH 1ST HIGH VALUE IS 66.31786 ON 14120516: AT (435859.19, 3762496.30,

205.65, 205.65, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

FF *** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** *** 17:57:48

PAGE 72

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1279 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 917 Calm Hours Identified

A Total of 362 Missing Hours Identified (0.83 Percent)

***** FATAL ERROR MESSAGES *****

*** NONE ***

***** WARNING MESSAGES *****

ME W186 1068 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1068 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/28/2024
** File: C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is
  MODELOPT DFAULT CONC
  AVERTIME 1 8
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID CO
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "14835 Const CO.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL6          VOLUME      435773.585  3762104.589      201.080
LOCATION VOL7          VOLUME      435805.357  3762104.589      201.090
LOCATION VOL8          VOLUME      435835.869  3762104.117      200.850
LOCATION VOL9          VOLUME      435867.641  3762104.116      200.470
LOCATION VOL10         VOLUME      435901.771  3762104.117      199.830
LOCATION VOL11         VOLUME      435933.543  3762104.116      198.590
LOCATION VOL12         VOLUME      435933.752  3762143.909      199.460
LOCATION VOL13         VOLUME      435901.981  3762143.910      200.690
LOCATION VOL14         VOLUME      435867.851  3762143.909      201.190
LOCATION VOL15         VOLUME      435836.079  3762143.910      201.390
LOCATION VOL16         VOLUME      435805.566  3762144.381      201.520
LOCATION VOL17         VOLUME      435773.795  3762144.382      201.520
LOCATION VOL18         VOLUME      435933.752  3762184.173      200.340
LOCATION VOL19         VOLUME      435901.981  3762184.174      201.570
LOCATION VOL20         VOLUME      435867.851  3762184.173      201.920
LOCATION VOL21         VOLUME      435836.079  3762184.174      201.940
LOCATION VOL22         VOLUME      435805.566  3762184.645      201.950
LOCATION VOL23         VOLUME      435773.795  3762184.646      201.950
LOCATION VOL24         VOLUME      435933.910  3762224.280      201.420
LOCATION VOL25         VOLUME      435902.138  3762224.281      202.490
LOCATION VOL26         VOLUME      435868.008  3762224.280      202.770
LOCATION VOL27         VOLUME      435836.236  3762224.281      202.770
LOCATION VOL28         VOLUME      435805.724  3762224.753      202.780
LOCATION VOL29         VOLUME      435773.952  3762224.753      202.770
LOCATION VOL30         VOLUME      435934.067  3762264.545      202.520
LOCATION VOL31         VOLUME      435902.295  3762264.546      203.410
LOCATION VOL32         VOLUME      435868.165  3762264.545      203.650
LOCATION VOL33         VOLUME      435836.394  3762264.546      203.640
LOCATION VOL34         VOLUME      435805.881  3762265.017      203.650
LOCATION VOL35         VOLUME      435774.109  3762265.018      203.640

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LOCATION VOL36	VOLUME	435934.067	3762304.652	203.220
LOCATION VOL37	VOLUME	435902.295	3762304.653	204.050
LOCATION VOL38	VOLUME	435868.165	3762304.652	204.260
LOCATION VOL39	VOLUME	435836.394	3762304.653	204.250
LOCATION VOL40	VOLUME	435805.881	3762305.124	204.260
LOCATION VOL41	VOLUME	435774.109	3762305.125	204.260
LOCATION VOL42	VOLUME	435934.224	3762344.916	203.660
LOCATION VOL43	VOLUME	435902.452	3762344.917	204.490
LOCATION VOL44	VOLUME	435868.323	3762344.916	204.690
LOCATION VOL45	VOLUME	435836.551	3762344.917	204.690
LOCATION VOL46	VOLUME	435806.038	3762345.389	204.690
LOCATION VOL47	VOLUME	435774.266	3762345.389	204.690
LOCATION VOL48	VOLUME	435934.696	3762384.866	204.030
LOCATION VOL49	VOLUME	435902.924	3762384.867	204.800
LOCATION VOL50	VOLUME	435868.794	3762384.866	205.040
LOCATION VOL51	VOLUME	435837.023	3762384.867	205.090
LOCATION VOL52	VOLUME	435806.510	3762385.338	205.130
LOCATION VOL53	VOLUME	435778.809	3762377.937	205.040
LOCATION VOL54	VOLUME	435934.381	3762424.659	204.260
LOCATION VOL55	VOLUME	435902.610	3762424.660	204.860
LOCATION VOL56	VOLUME	435868.480	3762424.659	205.190
LOCATION VOL57	VOLUME	435836.708	3762424.660	205.420
LOCATION VOL58	VOLUME	435804.715	3762414.213	205.440
LOCATION VOL60	VOLUME	435934.853	3762450.610	204.400
LOCATION VOL61	VOLUME	435903.082	3762450.611	204.880
LOCATION VOL62	VOLUME	435868.952	3762450.610	205.280
LOCATION VOL63	VOLUME	435837.846	3762442.784	205.560
LOCATION VOL64	VOLUME	435818.112	3762429.202	205.600
LOCATION VOL65	VOLUME	435793.667	3762396.192	205.240

** Source Parameters **

SRCPARAM VOL6	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL7	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL8	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL9	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL10	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL11	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL12	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL13	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL14	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL15	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL16	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL17	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL18	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL19	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL20	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL21	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL22	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL23	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL24	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL25	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL26	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL27	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL28	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL29	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL30	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL31	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL32	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL33	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL34	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL35	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL36	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL37	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL38	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL39	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL40	0.0082767437	5.000	9.291	1.400
SRCPARAM VOL41	0.0082767437	5.000	9.291	1.400

SRCPARAM	VOL42	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL43	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL44	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL45	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL46	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL47	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL48	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL49	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL50	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL51	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL52	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL53	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL54	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL55	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL56	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL57	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL58	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL60	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL61	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL62	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL63	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL64	0.0082767437	5.000	9.291	1.400
SRCPARAM	VOL65	0.0082767437	5.000	9.291	1.400
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL6	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL7	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL8	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL8	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

**	EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	Sunday:								
	EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL8	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL9	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL9	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL10	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL10	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL11	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Saturday:								
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	Sunday:								
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL11	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
**	WeekDays:								
	EMISFACT	VOL12	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
	EMISFACT	VOL12	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
	EMISFACT	VOL12	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
	EMISFACT	VOL12	HRDOW	0.0	0.0	0.0	0.0	0.0	

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL62	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL63	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL63	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL64	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL64	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** WeekDays:								
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL65	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Saturday:								
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
** Sunday:								
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL65	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
SRCGROUP ALL								
SO FINISHED								
**								

** AERMOD Receptor Pathway								

**								
**								
RE STARTING								
INCLUDED "14835 Const CO.rou"								
RE FINISHED								
**								

** AERMOD Meteorology Pathway

**

**

ME STARTING

SURFFILE KCNO_V9_ADJU\KCNO_v9.SFC

PROFFILE KCNO_V9_ADJU\KCNO_v9.PFL

SURFDATA 3179 2012

UAIRDATA 3190 2012

PROFBASE 198.0 METERS

ME FINISHED

**

** AERMOD Output Pathway

**

**

OU STARTING

RECTABLE ALLAVE 1ST

RECTABLE 1 1ST

RECTABLE 8 1ST

** Auto-Generated Plotfiles

PLOTFILE 1 ALL 1ST "14835 CONST CO.AD\01H1GALL.PLT" 31

PLOTFILE 8 ALL 1ST "14835 CONST CO.AD\08H1GALL.PLT" 32

SUMMFILE "14835 Const CO.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 1068 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1068 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

MODEL SETUP OPTIONS SUMMARY

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.

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* NO PARTICLE DEPOSITION Data Provided.
* Model Uses NO DRY DEPLETION. DDPLETE = F
* Model Uses NO WET DEPLETION. WETDPLT = F
* Stack-tip Downwash.
* Model Accounts for ELEVated Terrain Effects.
* Use Calms Processing Routine.
* Use Missing Data Processing Routine.
* No Exponential Decay.
* Model Uses URBAN Dispersion Algorithm for the SBL for 59 Source(s),
  for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
* Urban Roughness Length of 1.0 Meter Used.
* 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 Accepts FLAGPOLE Receptor . Heights.
* The User Specified a Pollutant Type of: CO

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 59 Source(s); 1 Source Group(s); and 99 Receptor(s)

    with: 0 POINT(s), including
           0 POINTCAP(s) and 0 POINTHOR(s)
    and: 59 VOLUME source(s)
    and: 0 AREA type source(s)
    and: 0 LINE source(s)
    and: 0 RLINE/RLINEXT source(s)
    and: 0 OPENPIT source(s)
    and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
    and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:
    Model Outputs Tables of 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) = 198.00 ; 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: 14835 Const
CO.err
**File for Summary of Results: 14835 Const
CO.sum
FF *** AERMOT - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ U*

*** VOLUME SOURCE DATA ***

		NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
		URBAN	EMISSION RATE	AIRCRAFT					
SOURCE		PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY							
ID		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)			BY						

VOL6		0	0.82767E-02	435773.6	3762104.6	201.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL7		0	0.82767E-02	435805.4	3762104.6	201.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL8		0	0.82767E-02	435835.9	3762104.1	200.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL9		0	0.82767E-02	435867.6	3762104.1	200.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL10		0	0.82767E-02	435901.8	3762104.1	199.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL11		0	0.82767E-02	435933.5	3762104.1	198.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL12		0	0.82767E-02	435933.8	3762143.9	199.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL13		0	0.82767E-02	435902.0	3762143.9	200.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL14		0	0.82767E-02	435867.9	3762143.9	201.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL15		0	0.82767E-02	435836.1	3762143.9	201.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL16		0	0.82767E-02	435805.6	3762144.4	201.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL17		0	0.82767E-02	435773.8	3762144.4	201.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL18		0	0.82767E-02	435933.8	3762184.2	200.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL19		0	0.82767E-02	435902.0	3762184.2	201.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL20		0	0.82767E-02	435867.9	3762184.2	201.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL21		0	0.82767E-02	435836.1	3762184.2	201.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL22		0	0.82767E-02	435805.6	3762184.6	202.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL23		0	0.82767E-02	435773.8	3762184.6	202.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL24		0	0.82767E-02	435933.9	3762224.3	201.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL25		0	0.82767E-02	435902.1	3762224.3	202.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL26		0	0.82767E-02	435868.0	3762224.3	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL27		0	0.82767E-02	435836.2	3762224.3	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL28		0	0.82767E-02	435805.7	3762224.8	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL29		0	0.82767E-02	435774.0	3762224.8	202.8	5.00	9.29	1.40
YES	HRDOW		NO						

VOL30	0	0.82767E-02	435934.1	3762264.5	202.5	5.00	9.29	1.40
YES	HRDOW	NO						
VOL31	0	0.82767E-02	435902.3	3762264.5	203.4	5.00	9.29	1.40
YES	HRDOW	NO						
VOL32	0	0.82767E-02	435868.2	3762264.5	203.7	5.00	9.29	1.40
YES	HRDOW	NO						
VOL33	0	0.82767E-02	435836.4	3762264.5	203.6	5.00	9.29	1.40
YES	HRDOW	NO						
VOL34	0	0.82767E-02	435805.9	3762265.0	203.7	5.00	9.29	1.40
YES	HRDOW	NO						
VOL35	0	0.82767E-02	435774.1	3762265.0	203.6	5.00	9.29	1.40
YES	HRDOW	NO						
VOL36	0	0.82767E-02	435934.1	3762304.7	203.2	5.00	9.29	1.40
YES	HRDOW	NO						
VOL37	0	0.82767E-02	435902.3	3762304.7	204.1	5.00	9.29	1.40
YES	HRDOW	NO						
VOL38	0	0.82767E-02	435868.2	3762304.7	204.3	5.00	9.29	1.40
YES	HRDOW	NO						
VOL39	0	0.82767E-02	435836.4	3762304.7	204.2	5.00	9.29	1.40
YES	HRDOW	NO						
VOL40	0	0.82767E-02	435805.9	3762305.1	204.3	5.00	9.29	1.40
YES	HRDOW	NO						
VOL41	0	0.82767E-02	435774.1	3762305.1	204.3	5.00	9.29	1.40
YES	HRDOW	NO						
VOL42	0	0.82767E-02	435934.2	3762344.9	203.7	5.00	9.29	1.40
YES	HRDOW	NO						
VOL43	0	0.82767E-02	435902.5	3762344.9	204.5	5.00	9.29	1.40
YES	HRDOW	NO						
VOL44	0	0.82767E-02	435868.3	3762344.9	204.7	5.00	9.29	1.40
YES	HRDOW	NO						
VOL45	0	0.82767E-02	435836.6	3762344.9	204.7	5.00	9.29	1.40
YES	HRDOW	NO						

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
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*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***								
SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE					
ID	PART.	(GRAMS/SEC)	AIRCRAFT		ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR	VARY	X	Y	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)

VOL46	0	0.82767E-02	435806.0	3762345.4	204.7	5.00	9.29	1.40
YES	HRDOW	NO						
VOL47	0	0.82767E-02	435774.3	3762345.4	204.7	5.00	9.29	1.40
YES	HRDOW	NO						
VOL48	0	0.82767E-02	435934.7	3762384.9	204.0	5.00	9.29	1.40
YES	HRDOW	NO						
VOL49	0	0.82767E-02	435902.9	3762384.9	204.8	5.00	9.29	1.40
YES	HRDOW	NO						
VOL50	0	0.82767E-02	435868.8	3762384.9	205.0	5.00	9.29	1.40
YES	HRDOW	NO						
VOL51	0	0.82767E-02	435837.0	3762384.9	205.1	5.00	9.29	1.40
YES	HRDOW	NO						
VOL52	0	0.82767E-02	435806.5	3762385.3	205.1	5.00	9.29	1.40
YES	HRDOW	NO						

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const  
CO\14835 Const CO.is *** 05/28/24  
*** AERMET - VERSION 16216 ***  
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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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SOURCE IDs

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FF *** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
*** 17.3

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

URBAN ID	URBAN POP	SOURCE IDs							
-----	-----	-----							
	2035210.	VOL6	, VOL7	, VOL8	, VOL9	, VOL10	, VOL11	, VOL12	
VOL13									
	VOL14	, VOL15	, VOL16	, VOL17	, VOL18	, VOL19	, VOL20	, VOL21	
	VOL22	, VOL23	, VOL24	, VOL25	, VOL26	, VOL27	, VOL28	, VOL29	
	VOL30	, VOL31	, VOL32	, VOL33	, VOL34	, VOL35	, VOL36	, VOL37	
	VOL38	, VOL39	, VOL40	, VOL41	, VOL42	, VOL43	, VOL44	, VOL45	
	VOL46	, VOL47	, VOL48	, VOL49	, VOL50	, VOL51	, VOL52	, VOL53	
	VOL54	, VOL55	, VOL56	, VOL57	, VOL58	, VOL60	, VOL61	, VOL62	
	VOL63	, VOL64	, VOL65						

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

17:35:06

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL6		; SOURCE TYPE = VOLUME		:							
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00		15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6

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```
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      17:35:06
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                                PAGE      9
*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL9      ; SOURCE TYPE = VOLUME      :
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .1000E+01     10 .1000E+01     11 .1000E+01     12 .1000E+01     13 .1000E+01     14
.1000E+01     15 .1000E+01     16 .1000E+01
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00      2 .0000E+00      3 .0000E+00      4 .0000E+00      5 .0000E+00      6
.0000E+00      7 .0000E+00      8 .0000E+00
9 .0000E+00     10 .0000E+00     11 .0000E+00     12 .0000E+00     13 .0000E+00     14
.0000E+00     15 .0000E+00     16 .0000E+00
17 .0000E+00     18 .0000E+00     19 .0000E+00     20 .0000E+00     21 .0000E+00     22
.0000E+00     23 .0000E+00     24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      17:35:06
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                                PAGE     10
*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL10     ; SOURCE TYPE = VOLUME      :
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
                                DAY OF WEEK = WEEKDAY
```

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
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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CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

DAY OF WEEK = SUNDAY

*** AERMET - VERSION 16216 ***

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***  MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*
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```
SOURCE ID = VOL18      ; SOURCE TYPE = VOLUME      :
```

DAY OF WEEK = WEEKDAY

DAY OF WEEK = WEEKDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SATURDAY

DAY OF WEEK = SUNDAY

DAY OF WEEK = SUNDAY

*** AERMET - VERSION 16216 ***

17:35:06

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ U*
```

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

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


```

- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -

```

```

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

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```

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

```

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

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CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00		15	.0000E+00	16	.0000E+00					
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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CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SUNDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14

```
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL25 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL26 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

- - - - -
- - - - -

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	

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.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***          05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is ***          05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY


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1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -

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                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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17:35:06

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                                PAGE 36
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                17:35:06

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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                17:35:06

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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR

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SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06
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PAGE 45
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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


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.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL49 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 17:35:06
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                                PAGE 50
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 17:35:06
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
```

.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
```

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
```

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                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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17:35:06

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                                PAGE 59
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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17:35:06

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                                PAGE 60
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -

```

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- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                17:35:06

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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
                                ***
                                17:35:06

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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :

HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR	HOURLY SCALAR
DAY OF WEEK = WEEKDAY									
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .0000E+00	9 .1000E+01	10 .1000E+01
11 .1000E+01	12 .1000E+01	13 .1000E+01	14 .1000E+01	15 .1000E+01	16 .1000E+01	17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00
21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00	DAY OF WEEK = SATURDAY					
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .0000E+00	9 .0000E+00	10 .0000E+00
11 .0000E+00	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00	17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00
21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00	DAY OF WEEK = SUNDAY					
1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6 .0000E+00	7 .0000E+00	8 .0000E+00	9 .0000E+00	10 .0000E+00
11 .0000E+00	12 .0000E+00	13 .0000E+00	14 .0000E+00	15 .0000E+00	16 .0000E+00	17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00
21 .0000E+00	22 .0000E+00	23 .0000E+00	24 .0000E+00						

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(435742.0, 3762152.2, 201.6, 201.6, 2.0);	(435724.1, 3762298.9, 204.2, 204.2, 2.0);
(435747.3, 3762361.5, 204.9, 204.9, 2.0);	(435723.3, 3762502.5, 205.9, 205.9, 2.0);
(435859.2, 3762496.3, 205.7, 205.7, 2.0);	(435967.0, 3762529.9, 206.1, 206.1, 2.0);
(436013.8, 3762335.4, 202.6, 202.6, 2.0);	(435991.2, 3762044.9, 197.4, 197.4, 2.0);
(435909.2, 3762031.6, 199.3, 199.3, 2.0);	(435769.4, 3762027.0, 200.2, 200.2, 2.0);
(435725.6, 3762045.7, 200.4, 200.4, 2.0);	(435688.9, 3762895.7, 206.6, 206.6, 2.0);
(436376.3, 3762576.8, 211.3, 211.3, 2.0);	(436377.4, 3762051.5, 201.8, 201.8, 2.0);
(436105.0, 3762031.0, 198.8, 198.8, 2.0);	(437041.7, 3761960.2, 200.2, 200.2, 2.0);

(437485.0, 3761801.1, 200.1, 200.1, 2.0);	(435575.7, 3762106.9, 201.2, 201.2, 2.0);
(435629.2, 3761948.7, 198.6, 198.6, 2.0);	(435594.1, 3761601.1, 195.5, 195.5, 2.0);
(435574.5, 3761483.1, 194.5, 194.5, 2.0);	(435576.8, 3761349.6, 192.1, 192.1, 2.0);
(435533.1, 3761323.1, 193.0, 193.0, 2.0);	(435533.1, 3761467.0, 195.3, 195.3, 2.0);
(435532.5, 3761590.1, 196.5, 196.5, 2.0);	(435521.6, 3761735.7, 197.9, 197.9, 2.0);
(435455.4, 3762121.9, 203.9, 203.9, 2.0);	(435308.6, 3761998.2, 200.8, 200.8, 2.0);
(435089.4, 3762109.2, 201.1, 201.1, 2.0);	(435008.2, 3762102.3, 200.5, 200.5, 2.0);
(434982.9, 3762041.9, 200.1, 200.1, 2.0);	(434916.2, 3762045.3, 200.7, 200.7, 2.0);
(434913.9, 3762096.6, 200.7, 200.7, 2.0);	(434808.0, 3762044.8, 201.4, 201.4, 2.0);
(434644.5, 3762110.9, 201.1, 201.1, 2.0);	(434570.3, 3762032.1, 200.8, 200.8, 2.0);
(434509.9, 3762100.0, 200.0, 200.0, 2.0);	(434450.6, 3762027.5, 199.4, 199.4, 2.0);
(434373.5, 3762101.2, 199.2, 199.2, 2.0);	(434250.3, 3762028.1, 197.3, 197.3, 2.0);
(434184.1, 3762102.3, 196.4, 196.4, 2.0);	(434103.6, 3762020.6, 197.8, 197.8, 2.0);
(433979.3, 3762102.9, 196.1, 196.1, 2.0);	(433986.2, 3762035.6, 196.2, 196.2, 2.0);
(433812.4, 3762100.0, 195.1, 195.1, 2.0);	(433884.3, 3762044.8, 196.0, 196.0, 2.0);
(433817.0, 3762048.2, 195.7, 195.7, 2.0);	(433738.1, 3762068.4, 195.5, 195.5, 2.0);
(433707.6, 3762141.4, 195.8, 195.8, 2.0);	(433650.7, 3762113.3, 197.1, 197.1, 2.0);
(433607.5, 3762151.2, 197.7, 197.7, 2.0);	(433553.4, 3762214.5, 198.8, 198.8, 2.0);
(433646.1, 3762194.4, 197.2, 197.2, 2.0);	(433540.8, 3762317.0, 198.6, 198.6, 2.0);
(433490.7, 3762288.2, 199.3, 199.3, 2.0);	(433461.3, 3762325.6, 199.6, 199.6, 2.0);
(433505.6, 3762364.2, 199.0, 199.0, 2.0);	(433406.7, 3762363.0, 200.0, 200.0, 2.0);
(433365.8, 3762459.7, 197.0, 197.0, 2.0);	(433280.6, 3762509.8, 196.9, 196.9, 2.0);
(433052.7, 3762772.8, 207.1, 207.1, 2.0);	(433099.9, 3762716.4, 204.5, 204.5, 2.0);
(435530.8, 3762264.6, 204.3, 204.3, 2.0);	(435575.1, 3762162.8, 201.3, 201.3, 2.0);
(435579.1, 3762300.9, 204.3, 204.3, 2.0);	(435572.8, 3762402.1, 205.1, 205.1, 2.0);
(435534.2, 3762377.4, 205.7, 205.7, 2.0);	(435510.1, 3762594.4, 205.8, 205.8, 2.0);
(435590.6, 3762718.1, 210.1, 210.1, 2.0);	(435533.7, 3762701.4, 209.6, 209.6, 2.0);
(435531.9, 3762761.2, 211.3, 211.3, 2.0);	(435533.1, 3762842.4, 209.0, 209.0, 2.0);
(435530.2, 3762901.7, 208.9, 208.9, 2.0);	(435576.2, 3762894.8, 208.5, 208.5, 2.0);
(436074.6, 3762112.1, 199.4, 199.4, 2.0);	(436197.8, 3762106.9, 202.0, 202.0, 2.0);
(436282.4, 3762105.8, 203.1, 203.1, 2.0);	(436632.3, 3762115.6, 201.1, 201.1, 2.0);
(436320.9, 3762136.3, 203.5, 203.5, 2.0);	(436318.6, 3762239.3, 205.8, 205.8, 2.0);
(436315.2, 3762364.2, 207.9, 207.9, 2.0);	(436400.9, 3762308.3, 206.8, 206.8, 2.0);

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES

(METERS/SEC)

12	01	01	1	18	-26.7	0.279	-9.000	-9.000	-999.	354.	85.6	0.09	0.74	1.00	3.22
134.			7.9	291.4	2.0										
12	01	01	1	19	-8.0	0.118	-9.000	-9.000	-999.	120.	18.2	0.09	0.74	1.00	1.43
37.			7.9	290.4	2.0										
12	01	01	1	20	-7.7	0.115	-9.000	-9.000	-999.	94.	17.6	0.09	0.74	1.00	1.40
49.			7.9	287.0	2.0										
12	01	01	1	21	-9.7	0.130	-9.000	-9.000	-999.	113.	20.2	0.09	0.74	1.00	1.57
26.			7.9	288.8	2.0										
12	01	01	1	22	-4.8	0.090	-9.000	-9.000	-999.	65.	13.6	0.09	0.74	1.00	1.11
56.			7.9	284.9	2.0										
12	01	01	1	23	-11.5	0.141	-9.000	-9.000	-999.	127.	21.9	0.09	0.74	1.00	1.69
36.			7.9	282.0	2.0										
12	01	01	1	24	-16.9	0.172	-9.000	-9.000	-999.	171.	32.4	0.09	0.74	1.00	2.03
33.			7.9	279.9	2.0										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	313.	0.73	279.3	99.0	-99.00	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S):		VOL6	VOL7	
VOL8	VOL9	VOL10		
VOL11	VOL12	VOL13	VOL14	VOL15
VOL16	VOL17	VOL18		
VOL19	VOL20	VOL21	VOL22	VOL23
VOL24	VOL25	VOL26		
VOL27	VOL28	VOL29	VOL30	VOL31
VOL32	VOL33			

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
435742.02	3762152.20	44.79011	(12020616)	435724.12	
3762298.86	40.98177	(12020616)			
435747.26	3762361.49	58.61404	(12020616)	435723.30	
3762502.55	24.52542	(13021809)			
435859.19	3762496.30	59.40429	(14120516)	435966.95	
3762529.88	52.23485	(14120516)			
436013.81	3762335.43	45.49666	(12122516)	435991.16	
3762044.92	35.90150	(14120116)			
435909.17	3762031.65	37.97542	(15122816)	435769.38	
3762026.96	29.19217	(12122413)			
435725.65	3762045.70	25.98152	(12122413)	435688.89	
3762895.70	4.96969	(15012916)			
436376.34	3762576.84	8.63475	(12121716)	436377.42	
3762051.52	10.22041	(12122516)			
436105.04	3762030.98	14.75021	(12122516)	437041.68	
3761960.23	3.62681	(12122516)			
437484.97	3761801.09	2.29328	(12122516)	435575.67	

3762106.93	13.51206	(12020616)	
435629.19	3761948.67	10.28305	(14122316) 435594.08
3761601.07	3.84508	(14120215)	
435574.52	3761483.10	2.71619	(14120215) 435576.82
3761349.59	2.26297	(14120216)	
435533.08	3761323.11	1.96639	(14120216) 435533.08
3761466.98	2.78119	(14120215)	
435532.51	3761590.14	3.55194	(14120215) 435521.57
3761735.74	4.34706	(14122316)	
435455.39	3762121.89	7.97094	(12020616) 435308.64
3761998.16	4.89134	(12020616)	
435089.38	3762109.23	2.58638	(12021516) 435008.24
3762102.32	2.25694	(12021516)	
434982.92	3762041.90	1.94572	(12020615) 434916.16
3762045.35	1.77545	(12020615)	
434913.86	3762096.57	1.95775	(12021516) 434807.97
3762044.77	1.55553	(12021516)	
434644.53	3762110.95	1.37413	(12021516) 434570.29
3762032.11	1.17644	(12021516)	
434509.87	3762100.02	1.15413	(12021516) 434450.59
3762027.51	1.03318	(12021516)	
434373.48	3762101.17	0.97337	(12021516) 434250.32
3762028.08	0.84524	(12021516)	
434184.14	3762102.32	0.77370	(12021516) 434103.58
3762020.60	0.72809	(12021516)	
433979.27	3762102.90	0.61069	(15022010) 433986.18
3762035.57	0.64849	(12021516)	
433812.38	3762100.02	0.57904	(12011709) 433884.32
3762044.77	0.58492	(12120309)	
433816.98	3762048.23	0.56517	(12120309) 433738.14
3762068.37	0.55629	(15022010)	
433707.64	3762141.45	0.58218	(12011709) 433650.67
3762113.26	0.56409	(12011709)	
433607.51	3762151.24	0.57071	(12011709) 433553.41
3762214.54	0.56803	(12011709)	
433646.06	3762194.40	0.58260	(12011709) 433540.75
3762316.98	0.53568	(12011709)	
433490.68	3762288.20	0.54122	(12011709) 433461.33
3762325.61	0.51997	(12011709)	
433505.65	3762364.17	0.51700	(12102309) 433406.66
3762363.02	0.50316	(12102309)	
433365.80	3762459.70	0.52752	(13012412) 433280.63
3762509.77	0.52700	(13012412)	
433052.74	3762772.76	0.49831	(14012409) 433099.93
3762716.37	0.50099	(14012409)	
435530.78	3762264.61	9.43313	(16010610) 435575.09
3762162.75	13.58441	(12020616)	
435579.12	3762300.86	12.00121	(16010610) 435572.79
3762402.15	11.46540	(14121615)	
435534.23	3762377.40	9.52222	(14121615) 435510.06
3762594.36	5.77913	(13021810)	
435590.63	3762718.09	7.23764	(13021809) 435533.66
3762701.40	6.65828	(13021809)	
435531.93	3762761.25	5.87437	(13021809) 435533.08
3762842.40	4.40326	(13021809)	
435530.21	3762901.67	3.29507	(13021809) 435576.24
3762894.77	4.10203	(15012916)	
436074.62	3762112.10	29.38948	(12122516) 436197.77
3762106.93	17.67136	(12122516)	
436282.37	3762105.77	13.72648	(12122516) 436632.26
3762115.56	6.33466	(12122516)	
436320.92	3762136.28	12.51806	(12122516) 436318.62
3762239.29	12.24651	(12122516)	

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
436315.17	3762364.17	9.07490	(12120416)	436400.92	
3762308.35	6.70191	(12122516)			
436384.23	3762390.06	7.49494	(12120416)	436316.89	
3762460.27	10.48533	(12120416)			
436300.21	3762696.22	9.30412	(12121716)	436315.74	
3762804.41	4.87441	(14111116)			
436373.29	3762854.48	3.96329	(14111116)	436382.50	
3762714.64	8.33098	(12121716)			
436383.65	3762547.17	8.55280	(12120416)	436377.90	
3762595.51	8.83177	(12121716)			
436384.23	3762473.51	8.68526	(12120416)	436845.19	
3762097.72	4.21806	(12122516)			
436981.01	3762093.69	3.26483	(12122516)	437132.93	
3762087.36	2.45737	(12122516)			
437612.89	3761991.83	1.47332	(12122516)	438134.86	
3762039.02	0.60078	(12012409)			
438656.82	3762038.44	0.50734	(16122109)	438836.95	
3762037.87	0.49048	(12122709)			
438830.04	3762098.87	0.50418			
(12122709)					

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO
MICROGRAMS/M**3

IN

**

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
435742.02	3762152.20	24.34522	(14120116)	435724.12	
3762298.86	21.84558	(12020616)			
435747.26	3762361.49	30.18975	(12020616)	435723.30	
3762502.55	8.56946	(15112716)			
435859.19	3762496.30	18.50853	(14123016)	435966.95	
3762529.88	12.96181	(14120516)			
436013.81	3762335.43	15.92879m	(13031916)	435991.16	
3762044.92	9.76470	(14111116)			
435909.17	3762031.65	11.26852	(14110516)	435769.38	
3762026.96	12.16233	(14120216)			
435725.65	3762045.70	12.25162	(14120216)	435688.89	
3762895.70	1.15362	(14123016)			
436376.34	3762576.84	2.40087	(12050116)	436377.42	
3762051.52	1.58357	(13011616)			
436105.04	3762030.98	4.22006	(16012616)	437041.68	
3761960.23	0.50838	(12122516)			
437484.97	3761801.09	0.32554	(12122516)	435575.67	
3762106.93	5.62047	(14122616)			
435629.19	3761948.67	4.50558	(14122316)	435594.08	
3761601.07	1.19674	(14120216)			
435574.52	3761483.10	0.84176	(14120216)	435576.82	
3761349.59	0.57083	(14120216)			
435533.08	3761323.11	0.56912	(14120216)	435533.08	
3761466.98	0.82264	(14120216)			
435532.51	3761590.14	1.12868	(14120216)	435521.57	
3761735.74	1.79966	(14122316)			
435455.39	3762121.89	3.10519	(14122616)	435308.64	
3761998.16	1.87293	(14122616)			
435089.38	3762109.23	1.08733	(15021116)	435008.24	
3762102.32	0.91381	(15021116)			
434982.92	3762041.90	0.84176	(15021116)	434916.16	
3762045.35	0.75005	(15021116)			
434913.86	3762096.57	0.76252	(12102616)	434807.97	
3762044.77	0.62155	(15021116)			
434644.53	3762110.95	0.55109	(12102616)	434570.29	
3762032.11	0.43654	(13021516)			
434509.87	3762100.02	0.45830	(12102616)	434450.59	
3762027.51	0.37052	(13021516)			
434373.48	3762101.17	0.39305	(12102616)	434250.32	
3762028.08	0.31093	(12122516)			
434184.14	3762102.32	0.32176	(12102616)	434103.58	
3762020.60	0.28950	(12122516)			
433979.27	3762102.90	0.26270	(12102616)	433986.18	
3762035.57	0.26968	(12122516)			
433812.38	3762100.02	0.22977	(12122516)	433884.32	
3762044.77	0.25409	(12122516)			
433816.98	3762048.23	0.24474	(12122516)	433738.14	
3762068.37	0.23015	(12122516)			
433707.64	3762141.45	0.20831	(12102616)	433650.67	
3762113.26	0.20792	(12122516)			
433607.51	3762151.24	0.19160	(12122516)	433553.41	
3762214.54	0.18253	(16020816)			
433646.06	3762194.40	0.19802	(16020816)	433540.75	
3762316.98	0.20219	(13012516)			
433490.68	3762288.20	0.18798	(13012516)	433461.33	
3762325.61	0.19844	(13012516)			
433505.65	3762364.17	0.21506	(13012516)	433406.66	
3762363.02	0.20575	(13012516)			
433365.80	3762459.70	0.22794	(13012516)	433280.63	

3762509.77	0.23056	(13012516)	
433052.74	3762772.76	0.23197	(13012516)
3762716.37	0.23650	(13012516)	
435530.78	3762264.61	5.10621	(12020616)
3762162.75	5.49915	(14122616)	
435579.12	3762300.86	6.85346	(12020616)
3762402.15	5.58418	(14121616)	
435534.23	3762377.40	4.84955	(14121616)
3762594.36	3.13340	(15112716)	
435590.63	3762718.09	1.60083	(16112416)
3762701.40	1.78023	(16112416)	
435531.93	3762761.25	1.34060	(16112416)
3762842.40	0.91220	(16122216)	
435530.21	3762901.67	0.79722	(16122216)
3762894.77	0.90744	(16122216)	
436074.62	3762112.10	7.20340	(12110116)
3762106.93	3.43058c	(13031816)	
436282.37	3762105.77	2.43614c	(13031816)
3762115.56	0.98121	(12070416)	
436320.92	3762136.28	2.30579	(13042516)
3762239.29	2.84913	(13042516)	

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*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***              05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

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*** DISCRETE CARTESIAN RECEPTOR POINTS ***

			** CONC OF CO	IN		
			MICROGRAMS/M**3			
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)				
436315.17	3762364.17	3.47824	(12042316)		436400.92	
3762308.35	2.46211	(12042316)				
436384.23	3762390.06	2.87457	(12042316)		436316.89	
3762460.27	3.24370	(12042316)				
436300.21	3762696.22	2.52071	(12021316)		436315.74	
3762804.41	2.02617	(12021316)				
436373.29	3762854.48	1.70178	(12021316)		436382.50	
3762714.64	1.90325	(15042416)				
436383.65	3762547.17	2.32494	(12110816)		436377.90	
3762595.51	2.38418	(12050116)				
436384.23	3762473.51	2.62134	(12042316)		436845.19	
3762097.72	0.66579	(13010916)				
436981.01	3762093.69	0.54927	(13010916)		437132.93	
3762087.36	0.44957	(13010916)				
437612.89	3761991.83	0.26107	(12033016)		438134.86	
3762039.02	0.23579	(12033016)				
438656.82	3762038.44	0.20028	(12033016)		438836.95	

3762037.87 0.19052 (12033016)
438830.04 3762098.87 0.19752
(12033016)

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

DATE

NETWORK

GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 59.40429 ON 14120516: AT (435859.19, 3762496.30,
205.65, 205.65, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

DATE

NETWORK

GROUP ID AVERAGE CONC (YYMMDDHH) RECEPTOR (XR, YR,
ZELEV, ZHILL, ZFLAG) OF TYPE GRID-ID

ALL HIGH 1ST HIGH VALUE IS 30.18975 ON 12020616: AT (435747.26, 3762361.49,
204.86, 204.86, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***

17:35:06

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1279 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 917 Calm Hours Identified

A Total of 362 Missing Hours Identified (0.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 1068 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1068 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/28/2024
** File: C:\Users\atamase\Desktop\HRAs\14835\14835 Const PM10\14835 Const PM10.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID PM_10
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "14835 Const PM10.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL6          VOLUME      435773.585  3762104.589    201.080
LOCATION VOL7          VOLUME      435805.357  3762104.589    201.090
LOCATION VOL8          VOLUME      435835.869  3762104.117    200.850
LOCATION VOL9          VOLUME      435867.641  3762104.116    200.470
LOCATION VOL10         VOLUME      435901.771  3762104.117    199.830
LOCATION VOL11         VOLUME      435933.543  3762104.116    198.590
LOCATION VOL12         VOLUME      435933.752  3762143.909    199.460
LOCATION VOL13         VOLUME      435901.981  3762143.910    200.690
LOCATION VOL14         VOLUME      435867.851  3762143.909    201.190
LOCATION VOL15         VOLUME      435836.079  3762143.910    201.390
LOCATION VOL16         VOLUME      435805.566  3762144.381    201.520
LOCATION VOL17         VOLUME      435773.795  3762144.382    201.520
LOCATION VOL18         VOLUME      435933.752  3762184.173    200.340
LOCATION VOL19         VOLUME      435901.981  3762184.174    201.570
LOCATION VOL20         VOLUME      435867.851  3762184.173    201.920
LOCATION VOL21         VOLUME      435836.079  3762184.174    201.940
LOCATION VOL22         VOLUME      435805.566  3762184.645    201.950
LOCATION VOL23         VOLUME      435773.795  3762184.646    201.950
LOCATION VOL24         VOLUME      435933.910  3762224.280    201.420
LOCATION VOL25         VOLUME      435902.138  3762224.281    202.490
LOCATION VOL26         VOLUME      435868.008  3762224.280    202.770
LOCATION VOL27         VOLUME      435836.236  3762224.281    202.770
LOCATION VOL28         VOLUME      435805.724  3762224.753    202.780
LOCATION VOL29         VOLUME      435773.952  3762224.753    202.770
LOCATION VOL30         VOLUME      435934.067  3762264.545    202.520
LOCATION VOL31         VOLUME      435902.295  3762264.546    203.410
LOCATION VOL32         VOLUME      435868.165  3762264.545    203.650
LOCATION VOL33         VOLUME      435836.394  3762264.546    203.640
LOCATION VOL34         VOLUME      435805.881  3762265.017    203.650
LOCATION VOL35         VOLUME      435774.109  3762265.018    203.640

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LOCATION VOL36	VOLUME	435934.067	3762304.652	203.220
LOCATION VOL37	VOLUME	435902.295	3762304.653	204.050
LOCATION VOL38	VOLUME	435868.165	3762304.652	204.260
LOCATION VOL39	VOLUME	435836.394	3762304.653	204.250
LOCATION VOL40	VOLUME	435805.881	3762305.124	204.260
LOCATION VOL41	VOLUME	435774.109	3762305.125	204.260
LOCATION VOL42	VOLUME	435934.224	3762344.916	203.660
LOCATION VOL43	VOLUME	435902.452	3762344.917	204.490
LOCATION VOL44	VOLUME	435868.323	3762344.916	204.690
LOCATION VOL45	VOLUME	435836.551	3762344.917	204.690
LOCATION VOL46	VOLUME	435806.038	3762345.389	204.690
LOCATION VOL47	VOLUME	435774.266	3762345.389	204.690
LOCATION VOL48	VOLUME	435934.696	3762384.866	204.030
LOCATION VOL49	VOLUME	435902.924	3762384.867	204.800
LOCATION VOL50	VOLUME	435868.794	3762384.866	205.040
LOCATION VOL51	VOLUME	435837.023	3762384.867	205.090
LOCATION VOL52	VOLUME	435806.510	3762385.338	205.130
LOCATION VOL53	VOLUME	435778.809	3762377.937	205.040
LOCATION VOL54	VOLUME	435934.381	3762424.659	204.260
LOCATION VOL55	VOLUME	435902.610	3762424.660	204.860
LOCATION VOL56	VOLUME	435868.480	3762424.659	205.190
LOCATION VOL57	VOLUME	435836.708	3762424.660	205.420
LOCATION VOL58	VOLUME	435804.715	3762414.213	205.440
LOCATION VOL60	VOLUME	435934.853	3762450.610	204.400
LOCATION VOL61	VOLUME	435903.082	3762450.611	204.880
LOCATION VOL62	VOLUME	435868.952	3762450.610	205.280
LOCATION VOL63	VOLUME	435837.846	3762442.784	205.560
LOCATION VOL64	VOLUME	435818.112	3762429.202	205.600
LOCATION VOL65	VOLUME	435793.667	3762396.192	205.240
LOCATION PAREA1	AREAPOLY	435848.461	3762470.781	205.630

** Source Parameters **

SRCPARAM VOL6	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL7	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL8	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL9	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL10	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL11	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL12	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL13	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL14	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL15	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL16	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL17	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL18	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL19	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL20	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL21	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL22	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL23	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL24	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL25	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL26	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL27	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL28	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL29	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL30	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL31	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL32	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL33	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL34	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL35	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL36	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL37	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL38	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL39	0.0004711585	5.000	9.291	1.400
SRCPARAM VOL40	0.0004711585	5.000	9.291	1.400

SRCPARAM	VOL41	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL42	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL43	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL44	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL45	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL46	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL47	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL48	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL49	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL50	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL51	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL52	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL53	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL54	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL55	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL56	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL57	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL58	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL60	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL61	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL62	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL63	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL64	0.0004711585	5.000	9.291	1.400
SRCPARAM	VOL65	0.0004711585	5.000	9.291	1.400
SRCPARAM	PAREA1	1.2086E-06	0.000	16	1.000
AREAVERT	PAREA1	435848.461	3762470.781	435954.601	3762470.331
AREAVERT	PAREA1	435953.252	3762085.800	435753.116	3762085.351
AREAVERT	PAREA1	435754.015	3762365.541	435758.063	3762365.541
AREAVERT	PAREA1	435758.513	3762397.023	435772.904	3762397.023
AREAVERT	PAREA1	435772.904	3762416.362	435784.148	3762416.362
AREAVERT	PAREA1	435784.148	3762433.902	435798.090	3762434.352
AREAVERT	PAREA1	435797.640	3762448.294	435816.530	3762448.294
AREAVERT	PAREA1	435816.979	3762462.685	435848.461	3762462.685
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL6	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL7	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```

EMISFACT PAREA1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT PAREA1      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "14835 Const PM10.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE KCNO_V9_ADJU\KCNO_v9.SFC
  PROFFILE KCNO_V9_ADJU\KCNO_v9.PFL
  SURFDATA 3179 2012
  UAIRDATA 3190 2012
  PROFBASE 198.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 24 ALL 1ST "14835 CONST PM10.AD\24H1GALL.PLT" 31
  SUMMFILE "14835 Const PM10.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 1093 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1093 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

FF *** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 60 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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 Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 60 Source(s); 1 Source Group(s); and 99 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 59 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 198.00 ; 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: 14835 Const

PM10.err

**File for Summary of Results: 14835 Const

PM10.sum

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT		ELEV.	HEIGHT	SY	SZ
ID	PART.	(GRAMS/SEC)		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)	SCALAR	VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
	CATS.	BY							
VOL6		0	0.47116E-03	435773.6	3762104.6	201.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL7		0	0.47116E-03	435805.4	3762104.6	201.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL8		0	0.47116E-03	435835.9	3762104.1	200.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL9		0	0.47116E-03	435867.6	3762104.1	200.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL10		0	0.47116E-03	435901.8	3762104.1	199.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL11		0	0.47116E-03	435933.5	3762104.1	198.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL12		0	0.47116E-03	435933.8	3762143.9	199.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL13		0	0.47116E-03	435902.0	3762143.9	200.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL14		0	0.47116E-03	435867.9	3762143.9	201.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL15		0	0.47116E-03	435836.1	3762143.9	201.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL16		0	0.47116E-03	435805.6	3762144.4	201.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL17		0	0.47116E-03	435773.8	3762144.4	201.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL18		0	0.47116E-03	435933.8	3762184.2	200.3	5.00	9.29	1.40

YES	HRDOW		NO						
VOL19		0	0.47116E-03	435902.0	3762184.2	201.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL20		0	0.47116E-03	435867.9	3762184.2	201.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL21		0	0.47116E-03	435836.1	3762184.2	201.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL22		0	0.47116E-03	435805.6	3762184.6	202.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL23		0	0.47116E-03	435773.8	3762184.6	202.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL24		0	0.47116E-03	435933.9	3762224.3	201.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL25		0	0.47116E-03	435902.1	3762224.3	202.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL26		0	0.47116E-03	435868.0	3762224.3	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL27		0	0.47116E-03	435836.2	3762224.3	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL28		0	0.47116E-03	435805.7	3762224.8	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL29		0	0.47116E-03	435774.0	3762224.8	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL30		0	0.47116E-03	435934.1	3762264.5	202.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL31		0	0.47116E-03	435902.3	3762264.5	203.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL32		0	0.47116E-03	435868.2	3762264.5	203.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL33		0	0.47116E-03	435836.4	3762264.5	203.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL34		0	0.47116E-03	435805.9	3762265.0	203.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL35		0	0.47116E-03	435774.1	3762265.0	203.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL36		0	0.47116E-03	435934.1	3762304.7	203.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL37		0	0.47116E-03	435902.3	3762304.7	204.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL38		0	0.47116E-03	435868.2	3762304.7	204.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL39		0	0.47116E-03	435836.4	3762304.7	204.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL40		0	0.47116E-03	435805.9	3762305.1	204.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL41		0	0.47116E-03	435774.1	3762305.1	204.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL42		0	0.47116E-03	435934.2	3762344.9	203.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL43		0	0.47116E-03	435902.5	3762344.9	204.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL44		0	0.47116E-03	435868.3	3762344.9	204.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL45		0	0.47116E-03	435836.6	3762344.9	204.7	5.00	9.29	1.40
YES	HRDOW		NO						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE		NUMBER URBAN	EMISSION RATE (GRAMS/SEC)	AIRCRAFT		BASE ELEV.	RELEASE HEIGHT	INIT. SY	INIT. SZ
ID	SCALAR VARY	PART. CATS.		X	Y	(METERS)	(METERS)	(METERS)	(METERS)
(METERS)			BY						
VOL46		0	0.47116E-03	435806.0	3762345.4	204.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL47		0	0.47116E-03	435774.3	3762345.4	204.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL48		0	0.47116E-03	435934.7	3762384.9	204.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL49		0	0.47116E-03	435902.9	3762384.9	204.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL50		0	0.47116E-03	435868.8	3762384.9	205.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL51		0	0.47116E-03	435837.0	3762384.9	205.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL52		0	0.47116E-03	435806.5	3762385.3	205.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL53		0	0.47116E-03	435778.8	3762377.9	205.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL54		0	0.47116E-03	435934.4	3762424.7	204.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL55		0	0.47116E-03	435902.6	3762424.7	204.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL56		0	0.47116E-03	435868.5	3762424.7	205.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL57		0	0.47116E-03	435836.7	3762424.7	205.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL58		0	0.47116E-03	435804.7	3762414.2	205.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL60		0	0.47116E-03	435934.9	3762450.6	204.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL61		0	0.47116E-03	435903.1	3762450.6	204.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL62		0	0.47116E-03	435869.0	3762450.6	205.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL63		0	0.47116E-03	435837.8	3762442.8	205.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL64		0	0.47116E-03	435818.1	3762429.2	205.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL65		0	0.47116E-03	435793.7	3762396.2	205.2	5.00	9.29	1.40
YES	HRDOW		NO						

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** AREAPOLY SOURCE DATA ***

SOURCE		NUMBER URBAN	EMISSION RATE (GRAMS/SEC)	LOCATION OF AREA		BASE ELEV.	RELEASE HEIGHT	NUMBER OF VERTS.	INIT. SZ
ID	SCALAR VARY	PART. CATS.	/METER**2)	X	Y	(METERS)	(METERS)		
(METERS)			BY						

```

*** MODELOPTs:      PAGE      5
                   RegDEFAULT CONC  ELEV  FLGPOL  URBAN  ADJ  U*

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SRCGROUP	ID	SOURCE	IDs

```

VOL63          , VOL64          , VOL65          , PAREA1          ,
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAS\14835\14835 Const
CO\14835 Const CO.is ***              05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 18:33:50
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*** MODELOPTs:      RegDEFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*

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URBAN ID	URBAN POP	SOURCE IDs									
-----	-----	-----									
	2035210.	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,
VOL13	VOL11	, VOL12	,								
	VOL14	, VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	, VOL21	,								
	VOL22	, VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	, VOL29	,								
	VOL30	, VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,

VOL36 , VOL37 ,
VOL38 , VOL39 , VOL40 , VOL41 , VOL42 , VOL43 ,
VOL44 , VOL45 ,
VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 ,
VOL52 , VOL53 ,
VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL60 ,
VOL61 , VOL62 ,

VOL63 , VOL64 , VOL65 , PAREA1 ,

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
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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CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
.0000E+00	15	.0000E+00	16	.0000E+00							
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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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

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                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
FF *** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 18:33:50
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
	.1000E+01	15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
	.0000E+00	23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00					
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
	.0000E+00	15	.0000E+00	16	.0000E+00					
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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FF *** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
	.1000E+01	15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22

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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50

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PAGE 18
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -

```

```

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

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.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00

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9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL25          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL26          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      18:33:50
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
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*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      18:33:50
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
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DAY OF WEEK = SATURDAY


```

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -

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                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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18:33:50

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                                PAGE 34
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
***
18:33:50

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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***

*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***

*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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***
                                ***
                                18:33:50

                                PAGE 39
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
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                                ***
                                18:33:50

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                                PAGE 40
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
                                *** 18:33:50

                                PAGE 41
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
                                *** 18:33:50

                                PAGE 42
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -

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SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50
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PAGE 43
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL42 ; SOURCE TYPE = VOLUME :
HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
SCALAR  HOUR  SCALAR  HOUR  SCALAR
-----
DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** AERMET - VERSION 16216 ***

18:33:50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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


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.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						

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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 18:33:50
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                                PAGE 48
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 18:33:50
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                                PAGE 49
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
```

```

.0000E+00    7 .0000E+00    8 .0000E+00
9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***
***
                                ***
                                18:33:50

                                PAGE 50
*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                                (HRDOW) *

SOURCE ID = VOL49          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***
***
                                ***
                                18:33:50

                                PAGE 51
*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

                                * SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
                                (HRDOW) *

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SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK (HRDOW) *

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

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                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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18:33:50
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                                PAGE 57
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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***
18:33:50
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                                PAGE 58
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
```

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- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SUNDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR
DAY OF WEEK = WEEKDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY										
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
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CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

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.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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(435742.0, 3762152.2, 201.6, 201.6, 2.0);	(435724.1, 3762298.9,
204.2, 204.2, 2.0);	
(435747.3, 3762361.5, 204.9, 204.9, 2.0);	(435723.3, 3762502.5,
205.9, 205.9, 2.0);	
(435859.2, 3762496.3, 205.7, 205.7, 2.0);	(435967.0, 3762529.9,
206.1, 206.1, 2.0);	
(436013.8, 3762335.4, 202.6, 202.6, 2.0);	(435991.2, 3762044.9,
197.4, 197.4, 2.0);	
(435909.2, 3762031.6, 199.3, 199.3, 2.0);	(435769.4, 3762027.0,
200.2, 200.2, 2.0);	
(435725.6, 3762045.7, 200.4, 200.4, 2.0);	(435688.9, 3762895.7,
206.6, 206.6, 2.0);	
(436376.3, 3762576.8, 211.3, 211.3, 2.0);	(436377.4, 3762051.5,
201.8, 201.8, 2.0);	
(436105.0, 3762031.0, 198.8, 198.8, 2.0);	(437041.7, 3761960.2,
200.2, 200.2, 2.0);	
(437485.0, 3761801.1, 200.1, 200.1, 2.0);	(435575.7, 3762106.9,
201.2, 201.2, 2.0);	
(435629.2, 3761948.7, 198.6, 198.6, 2.0);	(435594.1, 3761601.1,
195.5, 195.5, 2.0);	
(435574.5, 3761483.1, 194.5, 194.5, 2.0);	(435576.8, 3761349.6,
192.1, 192.1, 2.0);	
(435533.1, 3761323.1, 193.0, 193.0, 2.0);	(435533.1, 3761467.0,
195.3, 195.3, 2.0);	
(435532.5, 3761590.1, 196.5, 196.5, 2.0);	(435521.6, 3761735.7,
197.9, 197.9, 2.0);	
(435455.4, 3762121.9, 203.9, 203.9, 2.0);	(435308.6, 3761998.2,
200.8, 200.8, 2.0);	
(435089.4, 3762109.2, 201.1, 201.1, 2.0);	(435008.2, 3762102.3,
200.5, 200.5, 2.0);	
(434982.9, 3762041.9, 200.1, 200.1, 2.0);	(434916.2, 3762045.3,
200.7, 200.7, 2.0);	
(434913.9, 3762096.6, 200.7, 200.7, 2.0);	(434808.0, 3762044.8,
201.4, 201.4, 2.0);	
(434644.5, 3762110.9, 201.1, 201.1, 2.0);	(434570.3, 3762032.1,
200.8, 200.8, 2.0);	
(434509.9, 3762100.0, 200.0, 200.0, 2.0);	(434450.6, 3762027.5,
199.4, 199.4, 2.0);	
(434373.5, 3762101.2, 199.2, 199.2, 2.0);	(434250.3, 3762028.1,
197.3, 197.3, 2.0);	
(434184.1, 3762102.3, 196.4, 196.4, 2.0);	(434103.6, 3762020.6,
197.8, 197.8, 2.0);	
(433979.3, 3762102.9, 196.1, 196.1, 2.0);	(433986.2, 3762035.6,
196.2, 196.2, 2.0);	
(433812.4, 3762100.0, 195.1, 195.1, 2.0);	(433884.3, 3762044.8,
196.0, 196.0, 2.0);	
(433817.0, 3762048.2, 195.7, 195.7, 2.0);	(433738.1, 3762068.4,
195.5, 195.5, 2.0);	
(433707.6, 3762141.4, 195.8, 195.8, 2.0);	(433650.7, 3762113.3,
197.1, 197.1, 2.0);	
(433607.5, 3762151.2, 197.7, 197.7, 2.0);	(433553.4, 3762214.5,
198.8, 198.8, 2.0);	
(433646.1, 3762194.4, 197.2, 197.2, 2.0);	(433540.8, 3762317.0,
198.6, 198.6, 2.0);	
(433490.7, 3762288.2, 199.3, 199.3, 2.0);	(433461.3, 3762325.6,
199.6, 199.6, 2.0);	
(433505.6, 3762364.2, 199.0, 199.0, 2.0);	(433406.7, 3762363.0,
200.0, 200.0, 2.0);	
(433365.8, 3762459.7, 197.0, 197.0, 2.0);	(433280.6, 3762509.8,
196.9, 196.9, 2.0);	
(433052.7, 3762772.8, 207.1, 207.1, 2.0);	(433099.9, 3762716.4,
204.5, 204.5, 2.0);	
(435530.8, 3762264.6, 204.3, 204.3, 2.0);	(435575.1, 3762162.8,
201.3, 201.3, 2.0);	
(435579.1, 3762300.9, 204.3, 204.3, 2.0);	(435572.8, 3762402.1,
205.1, 205.1, 2.0);	

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

1.54, 3.09, 5.14, 8.23, 10.80,

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*** AERMET - VERSION 16216 ***
***
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*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

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Profile format:
FREE
```

[illegible][illegible]

First hour of profile data

F indicates top of profile (=1) or below (=0)

*** AERMET - VERSION 16216 ***

* * *

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*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

* *

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
435742.02	3762152.20	3.24661	(13012424)	435724.12	

3762298.86	2.43417	(12020624)	
435747.26	3762361.49	3.98219	(13012424) 435723.30
3762502.55	0.68656	(16122224)	
435859.19	3762496.30	1.73625	(14123024) 435966.95
3762529.88	1.09970	(14120524)	
436013.81	3762335.43	1.95884c	(12120524) 435991.16
3762044.92	1.18377c	(14111124)	
435909.17	3762031.65	1.48630	(12010924) 435769.38
3762026.96	1.26307	(13122324)	
435725.65	3762045.70	1.30530	(14120224) 435688.89
3762895.70	0.08934	(16122224)	
436376.34	3762576.84	0.28896b	(12050124) 436377.42
3762051.52	0.17365	(13011624)	
436105.04	3762030.98	0.53639c	(13110424) 437041.68
3761960.23	0.04816c	(12073124)	
437484.97	3761801.09	0.03537	(12012024) 435575.67
3762106.93	0.53756	(14122624)	
435629.19	3761948.67	0.44784	(14122324) 435594.08
3761601.07	0.13070	(12122424)	
435574.52	3761483.10	0.08952	(13122324) 435576.82
3761349.59	0.06094	(13122324)	
435533.08	3761323.11	0.06079	(13122324) 435533.08
3761466.98	0.09674	(12122424)	
435532.51	3761590.14	0.12960	(12122424) 435521.57
3761735.74	0.18273	(12021524)	
435455.39	3762121.89	0.31831m	(15123124) 435308.64
3761998.16	0.17561	(14122624)	
435089.38	3762109.23	0.13819m	(15123124) 435008.24
3762102.32	0.11937m	(15123124)	
434982.92	3762041.90	0.09406m	(15123124) 434916.16
3762045.35	0.08809m	(15123124)	
434913.86	3762096.57	0.10230m	(15123124) 434807.97
3762044.77	0.07743m	(15123124)	
434644.53	3762110.95	0.07096m	(15123124) 434570.29
3762032.11	0.05735m	(15123124)	
434509.87	3762100.02	0.05873m	(15123124) 434450.59
3762027.51	0.04994m	(15123124)	
434373.48	3762101.17	0.04912m	(15123124) 434250.32
3762028.08	0.04035m	(15123124)	
434184.14	3762102.32	0.03882m	(15123124) 434103.58
3762020.60	0.03587c	(12122524)	
433979.27	3762102.90	0.03073m	(15123124) 433986.18
3762035.57	0.03216c	(12122524)	
433812.38	3762100.02	0.02589m	(15123124) 433884.32
3762044.77	0.02934c	(12122524)	
433816.98	3762048.23	0.02774c	(12122524) 433738.14
3762068.37	0.02533c	(15020524)	
433707.64	3762141.45	0.02419c	(15020524) 433650.67
3762113.26	0.02413c	(15020524)	
433607.51	3762151.24	0.02306c	(15020524) 433553.41
3762214.54	0.02108c	(15020524)	
433646.06	3762194.40	0.02242c	(15020524) 433540.75
3762316.98	0.02307	(13012524)	
433490.68	3762288.20	0.02101	(13012524) 433461.33
3762325.61	0.02279	(13012524)	
433505.65	3762364.17	0.02515	(13012524) 433406.66
3762363.02	0.02406	(13012524)	
433365.80	3762459.70	0.02707	(13012524) 433280.63
3762509.77	0.02730	(13012524)	
433052.74	3762772.76	0.02654	(13012524) 433099.93
3762716.37	0.02739	(13012524)	
435530.78	3762264.61	0.50225	(12020624) 435575.09
3762162.75	0.53410	(13011424)	
435579.12	3762300.86	0.67012	(12020624) 435572.79
3762402.15	0.56716	(13012524)	
435534.23	3762377.40	0.47452	(13012524) 435510.06

3762594.36	0.27527	(15112724)	
435590.63	3762718.09	0.13666	(16112424) 435533.66
3762701.40	0.15513	(16112424)	
435531.93	3762761.25	0.11765	(16112424) 435533.08
3762842.40	0.07647	(16122224)	
435530.21	3762901.67	0.06978	(16122224) 435576.24
3762894.77	0.08555	(16122224)	
436074.62	3762112.10	0.78829c	(13110424) 436197.77
3762106.93	0.35736c	(13110424)	
436282.37	3762105.77	0.24553c	(12070424) 436632.26
3762115.56	0.11217c	(12070424)	
436320.92	3762136.28	0.25357c	(12070424) 436318.62
3762239.29	0.30938	(13042524)	

 *** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24
 *** AERMET - VERSION 16216 ***
 *** 18:33:50

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL6 , VOL7 ,
 VOL8 , VOL9 , VOL10 ,
 VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
 VOL16 , VOL17 , VOL18 ,
 VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
 VOL24 , VOL25 , VOL26 ,
 VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
 VOL32 , VOL33 , . . . ,

*** 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)			
436315.17	3762364.17	0.32402	(12042324)	436400.92	
3762308.35	0.23059	(12042324)			
436384.23	3762390.06	0.27003	(12042324)	436316.89	
3762460.27	0.34373b	(12050124)			
436300.21	3762696.22	0.24382	(12021324)	436315.74	
3762804.41	0.19122	(12021324)			
436373.29	3762854.48	0.16216	(12021324)	436382.50	
3762714.64	0.22308b	(12050124)			
436383.65	3762547.17	0.28064b	(12050124)	436377.90	
3762595.51	0.28801b	(12050124)			
436384.23	3762473.51	0.26423b	(12050124)	436845.19	
3762097.72	0.07523c	(12070424)			
436981.01	3762093.69	0.06210c	(12070424)	437132.93	
3762087.36	0.05128	(12033024)			
437612.89	3761991.83	0.03410c	(12073124)	438134.86	
3762039.02	0.03060	(12033024)			
438656.82	3762038.44	0.02665	(12033024)	438836.95	
3762037.87	0.02538	(12033024)			
438830.04	3762098.87	0.02624	(12033024)		

 *** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24
 *** AERMET - VERSION 16216 ***
 *** 18:33:50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³

**

GROUP ID	DATE	RECEPTOR	NETWORK
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	(XR, YR,
ALL HIGH 1ST HIGH VALUE IS	3.98219 ON 13012424: AT (	435747.26,	3762361.49,
204.86, 204.86, 2.00) DC			

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 18:33:50

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1279 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 917 Calm Hours Identified

A Total of 362 Missing Hours Identified (0.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 1093 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1093 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/28/2024
** File: C:\Users\atamase\Desktop\HRAs\14835\14835 Const PM25\14835 Const PM25.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID PM_2.5
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "14835 Const PM25.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL6          VOLUME      435773.585  3762104.589    201.080
LOCATION VOL7          VOLUME      435805.357  3762104.589    201.090
LOCATION VOL8          VOLUME      435835.869  3762104.117    200.850
LOCATION VOL9          VOLUME      435867.641  3762104.116    200.470
LOCATION VOL10         VOLUME      435901.771  3762104.117    199.830
LOCATION VOL11         VOLUME      435933.543  3762104.116    198.590
LOCATION VOL12         VOLUME      435933.752  3762143.909    199.460
LOCATION VOL13         VOLUME      435901.981  3762143.910    200.690
LOCATION VOL14         VOLUME      435867.851  3762143.909    201.190
LOCATION VOL15         VOLUME      435836.079  3762143.910    201.390
LOCATION VOL16         VOLUME      435805.566  3762144.381    201.520
LOCATION VOL17         VOLUME      435773.795  3762144.382    201.520
LOCATION VOL18         VOLUME      435933.752  3762184.173    200.340
LOCATION VOL19         VOLUME      435901.981  3762184.174    201.570
LOCATION VOL20         VOLUME      435867.851  3762184.173    201.920
LOCATION VOL21         VOLUME      435836.079  3762184.174    201.940
LOCATION VOL22         VOLUME      435805.566  3762184.645    201.950
LOCATION VOL23         VOLUME      435773.795  3762184.646    201.950
LOCATION VOL24         VOLUME      435933.910  3762224.280    201.420
LOCATION VOL25         VOLUME      435902.138  3762224.281    202.490
LOCATION VOL26         VOLUME      435868.008  3762224.280    202.770
LOCATION VOL27         VOLUME      435836.236  3762224.281    202.770
LOCATION VOL28         VOLUME      435805.724  3762224.753    202.780
LOCATION VOL29         VOLUME      435773.952  3762224.753    202.770
LOCATION VOL30         VOLUME      435934.067  3762264.545    202.520
LOCATION VOL31         VOLUME      435902.295  3762264.546    203.410
LOCATION VOL32         VOLUME      435868.165  3762264.545    203.650
LOCATION VOL33         VOLUME      435836.394  3762264.546    203.640
LOCATION VOL34         VOLUME      435805.881  3762265.017    203.650
LOCATION VOL35         VOLUME      435774.109  3762265.018    203.640

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LOCATION	VOL36	VOLUME	435934.067	3762304.652	203.220
LOCATION	VOL37	VOLUME	435902.295	3762304.653	204.050
LOCATION	VOL38	VOLUME	435868.165	3762304.652	204.260
LOCATION	VOL39	VOLUME	435836.394	3762304.653	204.250
LOCATION	VOL40	VOLUME	435805.881	3762305.124	204.260
LOCATION	VOL41	VOLUME	435774.109	3762305.125	204.260
LOCATION	VOL42	VOLUME	435934.224	3762344.916	203.660
LOCATION	VOL43	VOLUME	435902.452	3762344.917	204.490
LOCATION	VOL44	VOLUME	435868.323	3762344.916	204.690
LOCATION	VOL45	VOLUME	435836.551	3762344.917	204.690
LOCATION	VOL46	VOLUME	435806.038	3762345.389	204.690
LOCATION	VOL47	VOLUME	435774.266	3762345.389	204.690
LOCATION	VOL48	VOLUME	435934.696	3762384.866	204.030
LOCATION	VOL49	VOLUME	435902.924	3762384.867	204.800
LOCATION	VOL50	VOLUME	435868.794	3762384.866	205.040
LOCATION	VOL51	VOLUME	435837.023	3762384.867	205.090
LOCATION	VOL52	VOLUME	435806.510	3762385.338	205.130
LOCATION	VOL53	VOLUME	435778.809	3762377.937	205.040
LOCATION	VOL54	VOLUME	435934.381	3762424.659	204.260
LOCATION	VOL55	VOLUME	435902.610	3762424.660	204.860
LOCATION	VOL56	VOLUME	435868.480	3762424.659	205.190
LOCATION	VOL57	VOLUME	435836.708	3762424.660	205.420
LOCATION	VOL58	VOLUME	435804.715	3762414.213	205.440
LOCATION	VOL60	VOLUME	435934.853	3762450.610	204.400
LOCATION	VOL61	VOLUME	435903.082	3762450.611	204.880
LOCATION	VOL62	VOLUME	435868.952	3762450.610	205.280
LOCATION	VOL63	VOLUME	435837.846	3762442.784	205.560
LOCATION	VOL64	VOLUME	435818.112	3762429.202	205.600
LOCATION	VOL65	VOLUME	435793.667	3762396.192	205.240
LOCATION	PAREA1	AREAPOLY	435848.461	3762470.781	205.630

** Source Parameters **

SRCPARAM	VOL6	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL7	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL8	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL9	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL10	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL11	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL12	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL13	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL14	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL15	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL16	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL17	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL18	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL19	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL20	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL21	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL22	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL23	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL24	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL25	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL26	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL27	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL28	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL29	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL30	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL31	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL32	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL33	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL34	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL35	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL36	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL37	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL38	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL39	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL40	0.0004334657	5.000	9.291	1.400

SRCPARAM	VOL41	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL42	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL43	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL44	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL45	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL46	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL47	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL48	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL49	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL50	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL51	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL52	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL53	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL54	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL55	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL56	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL57	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL58	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL60	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL61	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL62	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL63	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL64	0.0004334657	5.000	9.291	1.400
SRCPARAM	VOL65	0.0004334657	5.000	9.291	1.400
SRCPARAM	PAREA1	5.7338E-07	0.000	16	1.000
AREAVERT	PAREA1	435848.461	3762470.781	435954.601	3762470.331
AREAVERT	PAREA1	435953.252	3762085.800	435753.116	3762085.351
AREAVERT	PAREA1	435754.015	3762365.541	435758.063	3762365.541
AREAVERT	PAREA1	435758.513	3762397.023	435772.904	3762397.023
AREAVERT	PAREA1	435772.904	3762416.362	435784.148	3762416.362
AREAVERT	PAREA1	435784.148	3762433.902	435798.090	3762434.352
AREAVERT	PAREA1	435797.640	3762448.294	435816.530	3762448.294
AREAVERT	PAREA1	435816.979	3762462.685	435848.461	3762462.685
URBANSRC	ALL				

** Variable Emissions Type: "By Hour / Day (HRDOW)"

** Variable Emission Scenario: "Scenario 1"

** WeekDays:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL6	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL6	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** WeekDays:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	1.0	1.0	1.0	1.0
EMISFACT	VOL7	HRDOW	1.0	1.0	1.0	1.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Saturday:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

** Sunday:

EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0
EMISFACT	VOL7	HRDOW	0.0	0.0	0.0	0.0	0.0	0.0

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```

EMISFACT PAREA1      HRDOW 0.0 0.0 1.0 1.0 1.0 1.0
EMISFACT PAREA1      HRDOW 1.0 1.0 1.0 1.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Saturday:
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
** Sunday:
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
EMISFACT PAREA1      HRDOW 0.0 0.0 0.0 0.0 0.0 0.0
SRCGROUP ALL
SO FINISHED
**
*****
** AERMOD Receptor Pathway
*****
**
**
RE STARTING
  INCLUDED "14835 Const PM25.rou"
RE FINISHED
**
*****
** AERMOD Meteorology Pathway
*****
**
**
ME STARTING
  SURFFILE KCNO_V9_ADJU\KCNO_v9.SFC
  PROFFILE KCNO_V9_ADJU\KCNO_v9.PFL
  SURFDATA 3179 2012
  UAIRDATA 3190 2012
  PROFBASE 198.0 METERS
ME FINISHED
**
*****
** AERMOD Output Pathway
*****
**
**
OU STARTING
  RECTABLE ALLAVE 1ST
  RECTABLE 24 1ST
** Auto-Generated Plotfiles
  PLOTFILE 24 ALL 1ST "14835 CONST PM25.AD\24H1GALL.PLT" 31
  SUMMFILE "14835 Const PM25.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 1093 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1093 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

FF *** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 60 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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 Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 60 Source(s); 1 Source Group(s); and 99 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 59 VOLUME source(s)
and: 1 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 198.00 ; 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: 14835 Const

PM25.err

**File for Summary of Results: 14835 Const

PM25.sum

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

		NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
		URBAN	EMISSION RATE	AIRCRAFT					
SOURCE		PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
SOURCE	SCALAR	VARY							
ID		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
(METERS)			BY						

VOL6		0	0.43347E-03	435773.6	3762104.6	201.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL7		0	0.43347E-03	435805.4	3762104.6	201.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL8		0	0.43347E-03	435835.9	3762104.1	200.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL9		0	0.43347E-03	435867.6	3762104.1	200.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL10		0	0.43347E-03	435901.8	3762104.1	199.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL11		0	0.43347E-03	435933.5	3762104.1	198.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL12		0	0.43347E-03	435933.8	3762143.9	199.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL13		0	0.43347E-03	435902.0	3762143.9	200.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL14		0	0.43347E-03	435867.9	3762143.9	201.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL15		0	0.43347E-03	435836.1	3762143.9	201.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL16		0	0.43347E-03	435805.6	3762144.4	201.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL17		0	0.43347E-03	435773.8	3762144.4	201.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL18		0	0.43347E-03	435933.8	3762184.2	200.3	5.00	9.29	1.40

YES	HRDOW		NO						
VOL19		0	0.43347E-03	435902.0	3762184.2	201.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL20		0	0.43347E-03	435867.9	3762184.2	201.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL21		0	0.43347E-03	435836.1	3762184.2	201.9	5.00	9.29	1.40
YES	HRDOW		NO						
VOL22		0	0.43347E-03	435805.6	3762184.6	202.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL23		0	0.43347E-03	435773.8	3762184.6	202.0	5.00	9.29	1.40
YES	HRDOW		NO						
VOL24		0	0.43347E-03	435933.9	3762224.3	201.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL25		0	0.43347E-03	435902.1	3762224.3	202.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL26		0	0.43347E-03	435868.0	3762224.3	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL27		0	0.43347E-03	435836.2	3762224.3	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL28		0	0.43347E-03	435805.7	3762224.8	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL29		0	0.43347E-03	435774.0	3762224.8	202.8	5.00	9.29	1.40
YES	HRDOW		NO						
VOL30		0	0.43347E-03	435934.1	3762264.5	202.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL31		0	0.43347E-03	435902.3	3762264.5	203.4	5.00	9.29	1.40
YES	HRDOW		NO						
VOL32		0	0.43347E-03	435868.2	3762264.5	203.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL33		0	0.43347E-03	435836.4	3762264.5	203.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL34		0	0.43347E-03	435805.9	3762265.0	203.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL35		0	0.43347E-03	435774.1	3762265.0	203.6	5.00	9.29	1.40
YES	HRDOW		NO						
VOL36		0	0.43347E-03	435934.1	3762304.7	203.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL37		0	0.43347E-03	435902.3	3762304.7	204.1	5.00	9.29	1.40
YES	HRDOW		NO						
VOL38		0	0.43347E-03	435868.2	3762304.7	204.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL39		0	0.43347E-03	435836.4	3762304.7	204.2	5.00	9.29	1.40
YES	HRDOW		NO						
VOL40		0	0.43347E-03	435805.9	3762305.1	204.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL41		0	0.43347E-03	435774.1	3762305.1	204.3	5.00	9.29	1.40
YES	HRDOW		NO						
VOL42		0	0.43347E-03	435934.2	3762344.9	203.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL43		0	0.43347E-03	435902.5	3762344.9	204.5	5.00	9.29	1.40
YES	HRDOW		NO						
VOL44		0	0.43347E-03	435868.3	3762344.9	204.7	5.00	9.29	1.40
YES	HRDOW		NO						
VOL45		0	0.43347E-03	435836.6	3762344.9	204.7	5.00	9.29	1.40
YES	HRDOW		NO						

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 *** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE		NUMBER	EMISSION RATE	BASE		RELEASE	INIT.	INIT.	
SOURCE		URBAN	EMISSION RATE	AIRCRAFT					
ID	SCALAR	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)		CATS.		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
			BY						


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CO\14835 Const CO.is ***                05/28/24
*** AERMET - VERSION 16216 ***
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*** AREAPOLY SOURCE DATA ***

YES HRDOW NO

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FF *** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL VOL12	VOL6 , VOL13	, VOL7 ,	, VOL8	, VOL9	, VOL10	, VOL11	,
	VOL14 VOL20	, VOL15 , VOL21	, VOL16 ,	, VOL17	, VOL18	, VOL19	,
	VOL22 VOL28	, VOL23 , VOL29	, VOL24 ,	, VOL25	, VOL26	, VOL27	,
	VOL30 VOL36	, VOL31 , VOL37	, VOL32 ,	, VOL33	, VOL34	, VOL35	,
	VOL38 VOL44	, VOL39 , VOL45	, VOL40 ,	, VOL41	, VOL42	, VOL43	,
	VOL46 VOL52	, VOL47 , VOL53	, VOL48 ,	, VOL49	, VOL50	, VOL51	,
	VOL54 VOL61	, VOL55 , VOL62	, VOL56 ,	, VOL57	, VOL58	, VOL60	,
	VOL63	, VOL64	, VOL65	, PAREA1	,		

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*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

VOL13	2035210. VOL11	VOL6 , VOL12	, VOL7 ,	, VOL8	, VOL9	, VOL10	,
	VOL14 VOL20	, VOL15 , VOL21	, VOL16 ,	, VOL17	, VOL18	, VOL19	,
	VOL22 VOL28	, VOL23 , VOL29	, VOL24 ,	, VOL25	, VOL26	, VOL27	,
	VOL30	, VOL31	, VOL32	, VOL33	, VOL34	, VOL35	,

VOL36 , VOL37 ,
VOL38 , VOL39 , VOL40 , VOL41 , VOL42 , VOL43 ,
VOL44 , VOL45 ,
VOL46 , VOL47 , VOL48 , VOL49 , VOL50 , VOL51 ,
VOL52 , VOL53 ,
VOL54 , VOL55 , VOL56 , VOL57 , VOL58 , VOL60 ,
VOL61 , VOL62 ,

VOL63 , VOL64 , VOL65 , PAREA1 ,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL6 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL7 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL8 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00	7	.0000E+00	8	.0000E+00							
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01	15	.1000E+01	16	.1000E+01							
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00	23	.0000E+00	24	.0000E+00							

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK

(HRDOW) *

SOURCE ID = VOL9 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL10 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL11 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL12 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

FF *** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL13 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	
SCALAR	HOUR	SCALAR	HOUR	SCALAR							
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

FF *** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL14 ; SOURCE TYPE = VOLUME :

HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	
SCALAR	HOUR	SCALAR	HOUR	SCALAR							
-	-	-	-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-	-	-	-

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	

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.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                *** 18:41:27

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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL15 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
 1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
 9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                *** 18:41:27

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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL16 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR

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- - - - -
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL17 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -

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DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL18 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL19 ; SOURCE TYPE = VOLUME :

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

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00		7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01		15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00		23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL20 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL21 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

```
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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PAGE 23
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL22 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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PAGE 24
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL23 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
```

9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL24 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL25          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

```

```

SOURCE ID = VOL26          ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
  - - - - -
  - - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***

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18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL27 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *SOURCE ID = VOL28 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	

```
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      18:41:27
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL29 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
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*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***                                     ***      18:41:27
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL30 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

```
1 .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9 .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
```

DAY OF WEEK = SATURDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL31 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
-----
DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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PAGE 33
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL32 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
-----
-----
```



```

                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
***
                                PAGE 34
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL33 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
***
                                PAGE 35
*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL34 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL35 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL36 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL37 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

```
.0000E+00  23 .0000E+00  24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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PAGE 39
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL38 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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PAGE 40
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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```
SOURCE ID = VOL39 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
```

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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***
                                ***
                                18:41:27

                                PAGE 41
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL40 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
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                                ***
                                18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL41 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR

```

SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24
 *** AERMET - VERSION 16216 ***
 *** *** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL42		; SOURCE TYPE = VOLUME									
HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR	HOUR	SCALAR
DAY OF WEEK = WEEKDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SATURDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						
DAY OF WEEK = SUNDAY											
1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14	
	.0000E+00	15	.0000E+00	16	.0000E+00						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24
 *** AERMET - VERSION 16216 ***
 *** *** 18:41:27

*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL43 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL44 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
.0000E+00		7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
.1000E+01		15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
.0000E+00		23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

```
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL45 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL46 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						


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9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 18:41:27
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                                PAGE 48
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL47 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***                                     *** 18:41:27
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                                PAGE 49
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *
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SOURCE ID = VOL48 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR
-----
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
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.0000E+00    7 .0000E+00    8 .0000E+00
9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
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                                ***
                                18:41:27

                                PAGE 50
*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL49      ; SOURCE TYPE = VOLUME      :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .1000E+01   10 .1000E+01   11 .1000E+01   12 .1000E+01   13 .1000E+01   14
.1000E+01   15 .1000E+01   16 .1000E+01
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00    2 .0000E+00    3 .0000E+00    4 .0000E+00    5 .0000E+00    6
.0000E+00    7 .0000E+00    8 .0000E+00
9  .0000E+00   10 .0000E+00   11 .0000E+00   12 .0000E+00   13 .0000E+00   14
.0000E+00   15 .0000E+00   16 .0000E+00
17 .0000E+00   18 .0000E+00   19 .0000E+00   20 .0000E+00   21 .0000E+00   22
.0000E+00   23 .0000E+00   24 .0000E+00
*** AERMOD - VERSION 23132 ***      *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24
*** AERMET - VERSION 16216 ***
***
***
                                ***
                                18:41:27

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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

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SOURCE ID = VOL50 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL51 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.0000E+00	10	.0000E+00	11	.0000E+00	12	.0000E+00	13	.0000E+00	14
.0000E+00	15	.0000E+00	16	.0000E+00						
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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CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL52 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL53 ; SOURCE TYPE = VOLUME :
 HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
 SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6	
	.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14	
	.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22	
	.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

```
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL54 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL55 ; SOURCE TYPE = VOLUME :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1 .0000E+00	2 .0000E+00	3 .0000E+00	4 .0000E+00	5 .0000E+00	6
.0000E+00	7 .0000E+00	8 .0000E+00			
9 .1000E+01	10 .1000E+01	11 .1000E+01	12 .1000E+01	13 .1000E+01	14
.1000E+01	15 .1000E+01	16 .1000E+01			
17 .0000E+00	18 .0000E+00	19 .0000E+00	20 .0000E+00	21 .0000E+00	22
.0000E+00	23 .0000E+00	24 .0000E+00			

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                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL56 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .1000E+01 10  .1000E+01 11  .1000E+01 12  .1000E+01 13  .1000E+01 14
.1000E+01 15  .1000E+01 16  .1000E+01
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SATURDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
                                DAY OF WEEK = SUNDAY
1  .0000E+00  2  .0000E+00  3  .0000E+00  4  .0000E+00  5  .0000E+00  6
.0000E+00  7  .0000E+00  8  .0000E+00
9  .0000E+00 10  .0000E+00 11  .0000E+00 12  .0000E+00 13  .0000E+00 14
.0000E+00 15  .0000E+00 16  .0000E+00
17 .0000E+00 18  .0000E+00 19  .0000E+00 20  .0000E+00 21  .0000E+00 22
.0000E+00 23  .0000E+00 24  .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs:  RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL57 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -

```

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- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
***
                                PAGE 59
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL58 ; SOURCE TYPE = VOLUME :
  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR  SCALAR  HOUR
  SCALAR  HOUR  SCALAR  HOUR  SCALAR
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00  2 .0000E+00  3 .0000E+00  4 .0000E+00  5 .0000E+00  6
.0000E+00  7 .0000E+00  8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                PAGE 60
*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL60 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL61 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
.0000E+00	7	.0000E+00	8	.0000E+00						
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
.1000E+01	15	.1000E+01	16	.1000E+01						
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
.0000E+00	23	.0000E+00	24	.0000E+00						

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL62 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL63 ; SOURCE TYPE = VOLUME :
HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
SCALAR HOUR SCALAR HOUR SCALAR

DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00

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17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL64 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14
.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SATURDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
                                DAY OF WEEK = SUNDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
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                                ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = VOL65 ; SOURCE TYPE = VOLUME :
  HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR SCALAR HOUR
  SCALAR HOUR SCALAR HOUR SCALAR
- - - - -
- - - - -
                                DAY OF WEEK = WEEKDAY
1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .1000E+01 10 .1000E+01 11 .1000E+01 12 .1000E+01 13 .1000E+01 14

```

.1000E+01 15 .1000E+01 16 .1000E+01
17 .0000E+00 18 .0000E+00 19 .0000E+00 20 .0000E+00 21 .0000E+00 22
.0000E+00 23 .0000E+00 24 .0000E+00

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

1 .0000E+00 2 .0000E+00 3 .0000E+00 4 .0000E+00 5 .0000E+00 6
.0000E+00 7 .0000E+00 8 .0000E+00
9 .0000E+00 10 .0000E+00 11 .0000E+00 12 .0000E+00 13 .0000E+00 14
.0000E+00 15 .0000E+00 16 .0000E+00
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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CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

* SOURCE EMISSION RATE SCALARS WHICH VARY DIURNALLY AND BY DAY OF WEEK
(HRDOW) *

SOURCE ID = PAREA1 ; SOURCE TYPE = AREAPOLY :

HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL
SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR	HOURL	SCALAR

DAY OF WEEK = WEEKDAY

1	.0000E+00	2	.0000E+00	3	.0000E+00	4	.0000E+00	5	.0000E+00	6
	.0000E+00	7	.0000E+00	8	.0000E+00					
9	.1000E+01	10	.1000E+01	11	.1000E+01	12	.1000E+01	13	.1000E+01	14
	.1000E+01	15	.1000E+01	16	.1000E+01					
17	.0000E+00	18	.0000E+00	19	.0000E+00	20	.0000E+00	21	.0000E+00	22
	.0000E+00	23	.0000E+00	24	.0000E+00					

DAY OF WEEK = SATURDAY

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

DAY OF WEEK = SUNDAY

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

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(435742.0, 3762152.2, 201.6, 201.6, 2.0);	(435724.1, 3762298.9,
204.2, 204.2, 2.0);	
(435747.3, 3762361.5, 204.9, 204.9, 2.0);	(435723.3, 3762502.5,
205.9, 205.9, 2.0);	
(435859.2, 3762496.3, 205.7, 205.7, 2.0);	(435967.0, 3762529.9,
206.1, 206.1, 2.0);	
(436013.8, 3762335.4, 202.6, 202.6, 2.0);	(435991.2, 3762044.9,
197.4, 197.4, 2.0);	
(435909.2, 3762031.6, 199.3, 199.3, 2.0);	(435769.4, 3762027.0,
200.2, 200.2, 2.0);	
(435725.6, 3762045.7, 200.4, 200.4, 2.0);	(435688.9, 3762895.7,
206.6, 206.6, 2.0);	
(436376.3, 3762576.8, 211.3, 211.3, 2.0);	(436377.4, 3762051.5,
201.8, 201.8, 2.0);	
(436105.0, 3762031.0, 198.8, 198.8, 2.0);	(437041.7, 3761960.2,
200.2, 200.2, 2.0);	
(437485.0, 3761801.1, 200.1, 200.1, 2.0);	(435575.7, 3762106.9,
201.2, 201.2, 2.0);	
(435629.2, 3761948.7, 198.6, 198.6, 2.0);	(435594.1, 3761601.1,
195.5, 195.5, 2.0);	
(435574.5, 3761483.1, 194.5, 194.5, 2.0);	(435576.8, 3761349.6,
192.1, 192.1, 2.0);	
(435533.1, 3761323.1, 193.0, 193.0, 2.0);	(435533.1, 3761467.0,
195.3, 195.3, 2.0);	
(435532.5, 3761590.1, 196.5, 196.5, 2.0);	(435521.6, 3761735.7,
197.9, 197.9, 2.0);	
(435455.4, 3762121.9, 203.9, 203.9, 2.0);	(435308.6, 3761998.2,
200.8, 200.8, 2.0);	
(435089.4, 3762109.2, 201.1, 201.1, 2.0);	(435008.2, 3762102.3,
200.5, 200.5, 2.0);	
(434982.9, 3762041.9, 200.1, 200.1, 2.0);	(434916.2, 3762045.3,
200.7, 200.7, 2.0);	
(434913.9, 3762096.6, 200.7, 200.7, 2.0);	(434808.0, 3762044.8,
201.4, 201.4, 2.0);	
(434644.5, 3762110.9, 201.1, 201.1, 2.0);	(434570.3, 3762032.1,
200.8, 200.8, 2.0);	
(434509.9, 3762100.0, 200.0, 200.0, 2.0);	(434450.6, 3762027.5,
199.4, 199.4, 2.0);	
(434373.5, 3762101.2, 199.2, 199.2, 2.0);	(434250.3, 3762028.1,
197.3, 197.3, 2.0);	
(434184.1, 3762102.3, 196.4, 196.4, 2.0);	(434103.6, 3762020.6,
197.8, 197.8, 2.0);	
(433979.3, 3762102.9, 196.1, 196.1, 2.0);	(433986.2, 3762035.6,
196.2, 196.2, 2.0);	
(433812.4, 3762100.0, 195.1, 195.1, 2.0);	(433884.3, 3762044.8,
196.0, 196.0, 2.0);	
(433817.0, 3762048.2, 195.7, 195.7, 2.0);	(433738.1, 3762068.4,
195.5, 195.5, 2.0);	
(433707.6, 3762141.4, 195.8, 195.8, 2.0);	(433650.7, 3762113.3,
197.1, 197.1, 2.0);	
(433607.5, 3762151.2, 197.7, 197.7, 2.0);	(433553.4, 3762214.5,
198.8, 198.8, 2.0);	
(433646.1, 3762194.4, 197.2, 197.2, 2.0);	(433540.8, 3762317.0,
198.6, 198.6, 2.0);	
(433490.7, 3762288.2, 199.3, 199.3, 2.0);	(433461.3, 3762325.6,
199.6, 199.6, 2.0);	
(433505.6, 3762364.2, 199.0, 199.0, 2.0);	(433406.7, 3762363.0,
200.0, 200.0, 2.0);	
(433365.8, 3762459.7, 197.0, 197.0, 2.0);	(433280.6, 3762509.8,
196.9, 196.9, 2.0);	
(433052.7, 3762772.8, 207.1, 207.1, 2.0);	(433099.9, 3762716.4,
204.5, 204.5, 2.0);	
(435530.8, 3762264.6, 204.3, 204.3, 2.0);	(435575.1, 3762162.8,
201.3, 201.3, 2.0);	
(435579.1, 3762300.9, 204.3, 204.3, 2.0);	(435572.8, 3762402.1,
205.1, 205.1, 2.0);	

NOTE: METEOROLOGICAL DATA ACTUALLY PROCESSED WILL ALSO DEPEND ON WHAT IS INCLUDED IN THE DATA FILE.

1.54, 3.09, 5.14, 8.23, 10.80,

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*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

```
Profile format:
FREE
```

First 24 hours of scalar data

[illegible]

12	01	01	1	10	65.2	0.101	0.531	0.014	82.	77.	-1.4	0.09	0.74	0.24	0.63
244.			7.9	291.4	2.0										
12	01	01	1	11	95.5	0.162	0.778	0.008	176.	156.	-4.0	0.09	0.74	0.21	1.23
91.			7.9	296.4	2.0										
12	01	01	1	12	110.8	0.197	1.018	0.005	338.	209.	-6.1	0.09	0.74	0.20	1.60
90.			7.9	299.9	2.0										
12	01	01	1	13	110.5	0.229	1.184	0.005	534.	262.	-9.6	0.09	0.74	0.20	1.98
92.			7.9	302.0	2.0										
12	01	01	1	14	94.6	0.185	1.215	0.005	674.	191.	-5.9	0.09	0.74	0.21	1.50
73.			7.9	303.1	2.0										
12	01	01	1	15	68.6	0.187	1.184	0.005	858.	194.	-8.4	0.09	0.74	0.25	1.59
64.			7.9	303.1	2.0										
12	01	01	1	16	24.9	0.255	0.862	0.005	911.	308.	-58.8	0.09	0.74	0.34	2.61
92.			7.9	300.4	2.0										
12	01	01	1	17	-13.7	0.168	-9.000	-9.000	-999.	168.	31.1	0.09	0.74	0.62	1.98
107.			7.9	295.4	2.0										
12	01	01	1	18	-26.7	0.279	-9.000	-9.000	-999.	354.	85.6	0.09	0.74	1.00	3.22
134.			7.9	291.4	2.0										
12	01	01	1	19	-8.0	0.118	-9.000	-9.000	-999.	120.	18.2	0.09	0.74	1.00	1.43
37.			7.9	290.4	2.0										
12	01	01	1	20	-7.7	0.115	-9.000	-9.000	-999.	94.	17.6	0.09	0.74	1.00	1.40
49.			7.9	287.0	2.0										
12	01	01	1	21	-9.7	0.130	-9.000	-9.000	-999.	113.	20.2	0.09	0.74	1.00	1.57
26.			7.9	288.8	2.0										
12	01	01	1	22	-4.8	0.090	-9.000	-9.000	-999.	65.	13.6	0.09	0.74	1.00	1.11
56.			7.9	284.9	2.0										
12	01	01	1	23	-11.5	0.141	-9.000	-9.000	-999.	127.	21.9	0.09	0.74	1.00	1.69
36.			7.9	282.0	2.0										
12	01	01	1	24	-16.9	0.172	-9.000	-9.000	-999.	171.	32.4	0.09	0.74	1.00	2.03
33.			7.9	279.9	2.0										

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	313.	0.73	279.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

FF *** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 18:41:27

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
435742.02	3762152.20	1.72985	(13012424)	435724.12	

3762298.86	1.33952	(12020624)	
435747.26	3762361.49	2.13215	(13012424) 435723.30
3762502.55	0.39204	(15112724)	
435859.19	3762496.30	0.98019	(14123024) 435966.95
3762529.88	0.63131	(14120524)	
436013.81	3762335.43	1.08452c	(12120524) 435991.16
3762044.92	0.64775c	(14111124)	
435909.17	3762031.65	0.77577	(12010924) 435769.38
3762026.96	0.69401	(14120224)	
435725.65	3762045.70	0.72284	(14120224) 435688.89
3762895.70	0.05042	(16122224)	
436376.34	3762576.84	0.16415b	(12050124) 436377.42
3762051.52	0.09577	(13011624)	
436105.04	3762030.98	0.29833c	(13110424) 437041.68
3761960.23	0.02668c	(12122524)	
437484.97	3761801.09	0.01856	(12012024) 435575.67
3762106.93	0.30255	(14122624)	
435629.19	3761948.67	0.25056	(14122324) 435594.08
3761601.07	0.07126	(12122424)	
435574.52	3761483.10	0.04894	(12122424) 435576.82
3761349.59	0.03290	(14120224)	
435533.08	3761323.11	0.03197	(13122324) 435533.08
3761466.98	0.05255	(12122424)	
435532.51	3761590.14	0.07021	(12122424) 435521.57
3761735.74	0.10130	(14122324)	
435455.39	3762121.89	0.17923m	(15123124) 435308.64
3761998.16	0.09915	(14122624)	
435089.38	3762109.23	0.07734m	(15123124) 435008.24
3762102.32	0.06671m	(15123124)	
434982.92	3762041.90	0.05283m	(15123124) 434916.16
3762045.35	0.04939m	(15123124)	
434913.86	3762096.57	0.05708m	(15123124) 434807.97
3762044.77	0.04331m	(15123124)	
434644.53	3762110.95	0.03945m	(15123124) 434570.29
3762032.11	0.03197m	(15123124)	
434509.87	3762100.02	0.03263m	(15123124) 434450.59
3762027.51	0.02781m	(15123124)	
434373.48	3762101.17	0.02729m	(15123124) 434250.32
3762028.08	0.02245m	(15123124)	
434184.14	3762102.32	0.02159m	(15123124) 434103.58
3762020.60	0.01957c	(12122524)	
433979.27	3762102.90	0.01712m	(15123124) 433986.18
3762035.57	0.01764c	(12122524)	
433812.38	3762100.02	0.01444m	(15123124) 433884.32
3762044.77	0.01616c	(12122524)	
433816.98	3762048.23	0.01532c	(12122524) 433738.14
3762068.37	0.01380c	(12122524)	
433707.64	3762141.45	0.01281	(16020824) 433650.67
3762113.26	0.01246c	(15020524)	
433607.51	3762151.24	0.01193c	(15020524) 433553.41
3762214.54	0.01129	(16020824)	
433646.06	3762194.40	0.01231	(16020824) 433540.75
3762316.98	0.01266	(13012524)	
433490.68	3762288.20	0.01156	(13012524) 433461.33
3762325.61	0.01249	(13012524)	
433505.65	3762364.17	0.01375	(13012524) 433406.66
3762363.02	0.01315	(13012524)	
433365.80	3762459.70	0.01477	(13012524) 433280.63
3762509.77	0.01490	(13012524)	
433052.74	3762772.76	0.01455	(13012524) 433099.93
3762716.37	0.01499	(13012524)	
435530.78	3762264.61	0.28145	(12020624) 435575.09
3762162.75	0.29889m	(15123124)	
435579.12	3762300.86	0.37586	(12020624) 435572.79
3762402.15	0.31437	(13012524)	
435534.23	3762377.40	0.26270	(13012524) 435510.06

3762594.36	0.15708	(15112724)		
435590.63	3762718.09	0.07837	(16112424)	435533.66
3762701.40	0.08865	(16112424)		
435531.93	3762761.25	0.06715	(16112424)	435533.08
3762842.40	0.04399	(16122224)		
435530.21	3762901.67	0.03984	(16122224)	435576.24
3762894.77	0.04826	(16122224)		
436074.62	3762112.10	0.44101c	(13110424)	436197.77
3762106.93	0.20089c	(13110424)		
436282.37	3762105.77	0.13650c	(12070424)	436632.26
3762115.56	0.06227c	(12070424)		
436320.92	3762136.28	0.14077c	(12070424)	436318.62
3762239.29	0.17087	(13042524)		

 *** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24
 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL6 , VOL7 ,
 VOL8 , VOL9 , VOL10 ,
 VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
 VOL16 , VOL17 , VOL18 ,
 VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
 VOL24 , VOL25 , VOL26 ,
 VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
 VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM 2.5 IN
 MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
436315.17	3762364.17	0.18313	(12042324)	436400.92	
3762308.35	0.13021	(12042324)			
436384.23	3762390.06	0.15241	(12042324)	436316.89	
3762460.27	0.19446b	(12050124)			
436300.21	3762696.22	0.13891b	(12050124)	436315.74	
3762804.41	0.10785	(12021324)			
436373.29	3762854.48	0.09132	(12021324)	436382.50	
3762714.64	0.12679b	(12050124)			
436383.65	3762547.17	0.15933b	(12050124)	436377.90	
3762595.51	0.16352b	(12050124)			
436384.23	3762473.51	0.14954b	(12050124)	436845.19	
3762097.72	0.04174c	(12070424)			
436981.01	3762093.69	0.03441c	(12070424)	437132.93	
3762087.36	0.02823c	(12070424)			
437612.89	3761991.83	0.01850c	(12073124)	438134.86	
3762039.02	0.01651	(12033024)			
438656.82	3762038.44	0.01434	(12033024)	438836.95	
3762037.87	0.01365	(12033024)			
438830.04	3762098.87	0.01412	(12033024)		

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 *** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³

**

GROUP ID	DATE	RECEPTOR	NETWORK
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	(XR, YR,
ALL HIGH 1ST HIGH VALUE IS	2.13215 ON 13012424: AT (	435747.26,	3762361.49,
204.86, 204.86, 2.00) DC			

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1279 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 917 Calm Hours Identified

A Total of 362 Missing Hours Identified (0.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 1093 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 1093 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/28/2024
** File: C:\Users\atamase\Desktop\HRAs\14835\14835 Ops NOx\14835 Ops NOx.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is
  MODELOPT DFAULT CONC
  AVERTIME 1
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID NOX
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "14835 Ops NOx.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL6          VOLUME      435773.585  3762104.589      201.080
LOCATION VOL7          VOLUME      435805.357  3762104.589      201.090
LOCATION VOL8          VOLUME      435835.869  3762104.117      200.850
LOCATION VOL9          VOLUME      435867.641  3762104.116      200.470
LOCATION VOL10         VOLUME      435901.771  3762104.117      199.830
LOCATION VOL11         VOLUME      435933.543  3762104.116      198.590
LOCATION VOL12         VOLUME      435933.752  3762143.909      199.460
LOCATION VOL13         VOLUME      435901.981  3762143.910      200.690
LOCATION VOL14         VOLUME      435867.851  3762143.909      201.190
LOCATION VOL15         VOLUME      435836.079  3762143.910      201.390
LOCATION VOL16         VOLUME      435805.566  3762144.381      201.520
LOCATION VOL17         VOLUME      435773.795  3762144.382      201.520
LOCATION VOL18         VOLUME      435933.752  3762184.173      200.340
LOCATION VOL19         VOLUME      435901.981  3762184.174      201.570
LOCATION VOL20         VOLUME      435867.851  3762184.173      201.920
LOCATION VOL21         VOLUME      435836.079  3762184.174      201.940
LOCATION VOL22         VOLUME      435805.566  3762184.645      201.950
LOCATION VOL23         VOLUME      435773.795  3762184.646      201.950
LOCATION VOL24         VOLUME      435933.910  3762224.280      201.420
LOCATION VOL25         VOLUME      435902.138  3762224.281      202.490
LOCATION VOL26         VOLUME      435868.008  3762224.280      202.770
LOCATION VOL27         VOLUME      435836.236  3762224.281      202.770
LOCATION VOL28         VOLUME      435805.724  3762224.753      202.780
LOCATION VOL29         VOLUME      435773.952  3762224.753      202.770
LOCATION VOL30         VOLUME      435934.067  3762264.545      202.520
LOCATION VOL31         VOLUME      435902.295  3762264.546      203.410
LOCATION VOL32         VOLUME      435868.165  3762264.545      203.650
LOCATION VOL33         VOLUME      435836.394  3762264.546      203.640
LOCATION VOL34         VOLUME      435805.881  3762265.017      203.650
LOCATION VOL35         VOLUME      435774.109  3762265.018      203.640

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LOCATION VOL36	VOLUME	435934.067	3762304.652	203.220
LOCATION VOL37	VOLUME	435902.295	3762304.653	204.050
LOCATION VOL38	VOLUME	435868.165	3762304.652	204.260
LOCATION VOL39	VOLUME	435836.394	3762304.653	204.250
LOCATION VOL40	VOLUME	435805.881	3762305.124	204.260
LOCATION VOL41	VOLUME	435774.109	3762305.125	204.260
LOCATION VOL42	VOLUME	435934.224	3762344.916	203.660
LOCATION VOL43	VOLUME	435902.452	3762344.917	204.490
LOCATION VOL44	VOLUME	435868.323	3762344.916	204.690
LOCATION VOL45	VOLUME	435836.551	3762344.917	204.690
LOCATION VOL46	VOLUME	435806.038	3762345.389	204.690
LOCATION VOL47	VOLUME	435774.266	3762345.389	204.690
LOCATION VOL48	VOLUME	435934.696	3762384.866	204.030
LOCATION VOL49	VOLUME	435902.924	3762384.867	204.800
LOCATION VOL50	VOLUME	435868.794	3762384.866	205.040
LOCATION VOL51	VOLUME	435837.023	3762384.867	205.090
LOCATION VOL52	VOLUME	435806.510	3762385.338	205.130
LOCATION VOL53	VOLUME	435778.809	3762377.937	205.040
LOCATION VOL54	VOLUME	435934.381	3762424.659	204.260
LOCATION VOL55	VOLUME	435902.610	3762424.660	204.860
LOCATION VOL56	VOLUME	435868.480	3762424.659	205.190
LOCATION VOL57	VOLUME	435836.708	3762424.660	205.420
LOCATION VOL58	VOLUME	435804.715	3762414.213	205.440
LOCATION VOL60	VOLUME	435934.853	3762450.610	204.400
LOCATION VOL61	VOLUME	435903.082	3762450.611	204.880
LOCATION VOL62	VOLUME	435868.952	3762450.610	205.280
LOCATION VOL63	VOLUME	435837.846	3762442.784	205.560
LOCATION VOL64	VOLUME	435818.112	3762429.202	205.600
LOCATION VOL65	VOLUME	435793.667	3762396.192	205.240

** Source Parameters **

SRCPARAM VOL6	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL7	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL8	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL9	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL10	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL11	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL12	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL13	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL14	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL15	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL16	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL17	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL18	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL19	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL20	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL21	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL22	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL23	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL24	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL25	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL26	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL27	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL28	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL29	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL30	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL31	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL32	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL33	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL34	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL35	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL36	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL37	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL38	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL39	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL40	0.0009664037	5.000	9.291	1.400
SRCPARAM VOL41	0.0009664037	5.000	9.291	1.400

SRCPARAM	VOL42	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL43	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL44	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL45	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL46	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL47	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL48	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL49	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL50	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL51	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL52	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL53	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL54	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL55	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL56	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL57	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL58	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL60	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL61	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL62	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL63	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL64	0.0009664037	5.000	9.291	1.400
SRCPARAM	VOL65	0.0009664037	5.000	9.291	1.400
URBANSRC	ALL				
SRCGROUP	ALL				

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "14835 Ops NOx.rou"
RE FINISHED

**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE KCNO_V9_ADJU\KCNO_v9.SFC
PROFFILE KCNO_V9_ADJU\KCNO_v9.PFL
SURFDATA 3179 2012
UAIRDATA 3190 2012
PROFBASE 198.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "14835 OPS NOX.AD\01H1GALL.PLT" 31
SUMMFILE "14835 Ops NOx.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 180 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 180 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 19:06:40

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 59 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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 Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: NOX

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

**This Run Includes: 59 Source(s); 1 Source Group(s); and 99 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 59 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 198.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14835 Ops

NOx.err

**File for Summary of Results: 14835 Ops

NOx.sum

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	AIRCRAFT					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY						
VOL6	0	0.96640E-03	435773.6	3762104.6	201.1	5.00	9.29	1.40
YES		NO						
VOL7	0	0.96640E-03	435805.4	3762104.6	201.1	5.00	9.29	1.40
YES		NO						
VOL8	0	0.96640E-03	435835.9	3762104.1	200.9	5.00	9.29	1.40
YES		NO						
VOL9	0	0.96640E-03	435867.6	3762104.1	200.5	5.00	9.29	1.40
YES		NO						
VOL10	0	0.96640E-03	435901.8	3762104.1	199.8	5.00	9.29	1.40
YES		NO						
VOL11	0	0.96640E-03	435933.5	3762104.1	198.6	5.00	9.29	1.40
YES		NO						
VOL12	0	0.96640E-03	435933.8	3762143.9	199.5	5.00	9.29	1.40
YES		NO						

VOL13	0	0.96640E-03	435902.0	3762143.9	200.7	5.00	9.29	1.40
YES		NO						
VOL14	0	0.96640E-03	435867.9	3762143.9	201.2	5.00	9.29	1.40
YES		NO						
VOL15	0	0.96640E-03	435836.1	3762143.9	201.4	5.00	9.29	1.40
YES		NO						
VOL16	0	0.96640E-03	435805.6	3762144.4	201.5	5.00	9.29	1.40
YES		NO						
VOL17	0	0.96640E-03	435773.8	3762144.4	201.5	5.00	9.29	1.40
YES		NO						
VOL18	0	0.96640E-03	435933.8	3762184.2	200.3	5.00	9.29	1.40
YES		NO						
VOL19	0	0.96640E-03	435902.0	3762184.2	201.6	5.00	9.29	1.40
YES		NO						
VOL20	0	0.96640E-03	435867.9	3762184.2	201.9	5.00	9.29	1.40
YES		NO						
VOL21	0	0.96640E-03	435836.1	3762184.2	201.9	5.00	9.29	1.40
YES		NO						
VOL22	0	0.96640E-03	435805.6	3762184.6	202.0	5.00	9.29	1.40
YES		NO						
VOL23	0	0.96640E-03	435773.8	3762184.6	202.0	5.00	9.29	1.40
YES		NO						
VOL24	0	0.96640E-03	435933.9	3762224.3	201.4	5.00	9.29	1.40
YES		NO						
VOL25	0	0.96640E-03	435902.1	3762224.3	202.5	5.00	9.29	1.40
YES		NO						
VOL26	0	0.96640E-03	435868.0	3762224.3	202.8	5.00	9.29	1.40
YES		NO						
VOL27	0	0.96640E-03	435836.2	3762224.3	202.8	5.00	9.29	1.40
YES		NO						
VOL28	0	0.96640E-03	435805.7	3762224.8	202.8	5.00	9.29	1.40
YES		NO						
VOL29	0	0.96640E-03	435774.0	3762224.8	202.8	5.00	9.29	1.40
YES		NO						
VOL30	0	0.96640E-03	435934.1	3762264.5	202.5	5.00	9.29	1.40
YES		NO						
VOL31	0	0.96640E-03	435902.3	3762264.5	203.4	5.00	9.29	1.40
YES		NO						
VOL32	0	0.96640E-03	435868.2	3762264.5	203.7	5.00	9.29	1.40
YES		NO						
VOL33	0	0.96640E-03	435836.4	3762264.5	203.6	5.00	9.29	1.40
YES		NO						
VOL34	0	0.96640E-03	435805.9	3762265.0	203.7	5.00	9.29	1.40
YES		NO						
VOL35	0	0.96640E-03	435774.1	3762265.0	203.6	5.00	9.29	1.40
YES		NO						
VOL36	0	0.96640E-03	435934.1	3762304.7	203.2	5.00	9.29	1.40
YES		NO						
VOL37	0	0.96640E-03	435902.3	3762304.7	204.1	5.00	9.29	1.40
YES		NO						
VOL38	0	0.96640E-03	435868.2	3762304.7	204.3	5.00	9.29	1.40
YES		NO						
VOL39	0	0.96640E-03	435836.4	3762304.7	204.2	5.00	9.29	1.40
YES		NO						
VOL40	0	0.96640E-03	435805.9	3762305.1	204.3	5.00	9.29	1.40
YES		NO						
VOL41	0	0.96640E-03	435774.1	3762305.1	204.3	5.00	9.29	1.40
YES		NO						
VOL42	0	0.96640E-03	435934.2	3762344.9	203.7	5.00	9.29	1.40
YES		NO						
VOL43	0	0.96640E-03	435902.5	3762344.9	204.5	5.00	9.29	1.40
YES		NO						
VOL44	0	0.96640E-03	435868.3	3762344.9	204.7	5.00	9.29	1.40
YES		NO						
VOL45	0	0.96640E-03	435836.6	3762344.9	204.7	5.00	9.29	1.40
YES		NO						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT				
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY							
	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
VOL46	0	0.96640E-03	435806.0	3762345.4	204.7	5.00	9.29	1.40
YES		NO						
VOL47	0	0.96640E-03	435774.3	3762345.4	204.7	5.00	9.29	1.40
YES		NO						
VOL48	0	0.96640E-03	435934.7	3762384.9	204.0	5.00	9.29	1.40
YES		NO						
VOL49	0	0.96640E-03	435902.9	3762384.9	204.8	5.00	9.29	1.40
YES		NO						
VOL50	0	0.96640E-03	435868.8	3762384.9	205.0	5.00	9.29	1.40
YES		NO						
VOL51	0	0.96640E-03	435837.0	3762384.9	205.1	5.00	9.29	1.40
YES		NO						
VOL52	0	0.96640E-03	435806.5	3762385.3	205.1	5.00	9.29	1.40
YES		NO						
VOL53	0	0.96640E-03	435778.8	3762377.9	205.0	5.00	9.29	1.40
YES		NO						
VOL54	0	0.96640E-03	435934.4	3762424.7	204.3	5.00	9.29	1.40
YES		NO						
VOL55	0	0.96640E-03	435902.6	3762424.7	204.9	5.00	9.29	1.40
YES		NO						
VOL56	0	0.96640E-03	435868.5	3762424.7	205.2	5.00	9.29	1.40
YES		NO						
VOL57	0	0.96640E-03	435836.7	3762424.7	205.4	5.00	9.29	1.40
YES		NO						
VOL58	0	0.96640E-03	435804.7	3762414.2	205.4	5.00	9.29	1.40
YES		NO						
VOL60	0	0.96640E-03	435934.9	3762450.6	204.4	5.00	9.29	1.40
YES		NO						
VOL61	0	0.96640E-03	435903.1	3762450.6	204.9	5.00	9.29	1.40
YES		NO						
VOL62	0	0.96640E-03	435869.0	3762450.6	205.3	5.00	9.29	1.40
YES		NO						
VOL63	0	0.96640E-03	435837.8	3762442.8	205.6	5.00	9.29	1.40
YES		NO						
VOL64	0	0.96640E-03	435818.1	3762429.2	205.6	5.00	9.29	1.40
YES		NO						
VOL65	0	0.96640E-03	435793.7	3762396.2	205.2	5.00	9.29	1.40
YES		NO						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	VOL11	,
VOL12	, VOL13	,										
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,
	VOL61	,	VOL62	,								
	VOL63	,	VOL64	,	VOL65	,						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

	2035210.	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	
	VOL11	, VOL12	,									
VOL13	,											
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,
	VOL61	,	VOL62	,								

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(435742.0, 3762152.2, 201.6,	201.6,	2.0);	(435724.1, 3762298.9,
204.2, 204.2, 2.0);			
(435747.3, 3762361.5, 204.9,	204.9,	2.0);	(435723.3, 3762502.5,
205.9, 205.9, 2.0);			
(435859.2, 3762496.3, 205.7,	205.7,	2.0);	(435967.0, 3762529.9,
206.1, 206.1, 2.0);			
(436013.8, 3762335.4, 202.6,	202.6,	2.0);	(435991.2, 3762044.9,
197.4, 197.4, 2.0);			
(435909.2, 3762031.6, 199.3,	199.3,	2.0);	(435769.4, 3762027.0,
200.2, 200.2, 2.0);			
(435725.6, 3762045.7, 200.4,	200.4,	2.0);	(435688.9, 3762895.7,
206.6, 206.6, 2.0);			
(436376.3, 3762576.8, 211.3,	211.3,	2.0);	(436377.4, 3762051.5,
201.8, 201.8, 2.0);			
(436105.0, 3762031.0, 198.8,	198.8,	2.0);	(437041.7, 3761960.2,
200.2, 200.2, 2.0);			
(437485.0, 3761801.1, 200.1,	200.1,	2.0);	(435575.7, 3762106.9,
201.2, 201.2, 2.0);			
(435629.2, 3761948.7, 198.6,	198.6,	2.0);	(435594.1, 3761601.1,
195.5, 195.5, 2.0);			
(435574.5, 3761483.1, 194.5,	194.5,	2.0);	(435576.8, 3761349.6,
192.1, 192.1, 2.0);			
(435533.1, 3761323.1, 193.0,	193.0,	2.0);	(435533.1, 3761467.0,
195.3, 195.3, 2.0);			
(435532.5, 3761590.1, 196.5,	196.5,	2.0);	(435521.6, 3761735.7,
197.9, 197.9, 2.0);			
(435455.4, 3762121.9, 203.9,	203.9,	2.0);	(435308.6, 3761998.2,
200.8, 200.8, 2.0);			
(435089.4, 3762109.2, 201.1,	201.1,	2.0);	(435008.2, 3762102.3,
200.5, 200.5, 2.0);			
(434982.9, 3762041.9, 200.1,	200.1,	2.0);	(434916.2, 3762045.3,
200.7, 200.7, 2.0);			
(434913.9, 3762096.6, 200.7,	200.7,	2.0);	(434808.0, 3762044.8,
201.4, 201.4, 2.0);			
(434644.5, 3762110.9, 201.1,	201.1,	2.0);	(434570.3, 3762032.1,
200.8, 200.8, 2.0);			
(434509.9, 3762100.0, 200.0,	200.0,	2.0);	(434450.6, 3762027.5,
199.4, 199.4, 2.0);			
(434373.5, 3762101.2, 199.2,	199.2,	2.0);	(434250.3, 3762028.1,
197.3, 197.3, 2.0);			
(434184.1, 3762102.3, 196.4,	196.4,	2.0);	(434103.6, 3762020.6,
197.8, 197.8, 2.0);			
(433979.3, 3762102.9, 196.1,	196.1,	2.0);	(433986.2, 3762035.6,
196.2, 196.2, 2.0);			
(433812.4, 3762100.0, 195.1,	195.1,	2.0);	(433884.3, 3762044.8,
196.0, 196.0, 2.0);			
(433817.0, 3762048.2, 195.7,	195.7,	2.0);	(433738.1, 3762068.4,
195.5, 195.5, 2.0);			
(433707.6, 3762141.4, 195.8,	195.8,	2.0);	(433650.7, 3762113.3,
197.1, 197.1, 2.0);			
(433607.5, 3762151.2, 197.7,	197.7,	2.0);	(433553.4, 3762214.5,
198.8, 198.8, 2.0);			
(433646.1, 3762194.4, 197.2,	197.2,	2.0);	(433540.8, 3762317.0,

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198.6,      198.6,      2.0);
( 433490.7, 3762288.2,      199.3,      199.3,      2.0);      ( 433461.3, 3762325.6,
199.6,      199.6,      2.0);
( 433505.6, 3762364.2,      199.0,      199.0,      2.0);      ( 433406.7, 3762363.0,
200.0,      200.0,      2.0);
( 433365.8, 3762459.7,      197.0,      197.0,      2.0);      ( 433280.6, 3762509.8,
196.9,      196.9,      2.0);
( 433052.7, 3762772.8,      207.1,      207.1,      2.0);      ( 433099.9, 3762716.4,
204.5,      204.5,      2.0);
( 435530.8, 3762264.6,      204.3,      204.3,      2.0);      ( 435575.1, 3762162.8,
201.3,      201.3,      2.0);
( 435579.1, 3762300.9,      204.3,      204.3,      2.0);      ( 435572.8, 3762402.1,
205.1,      205.1,      2.0);
( 435534.2, 3762377.4,      205.7,      205.7,      2.0);      ( 435510.1, 3762594.4,
205.8,      205.8,      2.0);
( 435590.6, 3762718.1,      210.1,      210.1,      2.0);      ( 435533.7, 3762701.4,
209.6,      209.6,      2.0);
( 435531.9, 3762761.2,      211.3,      211.3,      2.0);      ( 435533.1, 3762842.4,
209.0,      209.0,      2.0);
( 435530.2, 3762901.7,      208.9,      208.9,      2.0);      ( 435576.2, 3762894.8,
208.5,      208.5,      2.0);
( 436074.6, 3762112.1,      199.4,      199.4,      2.0);      ( 436197.8, 3762106.9,
202.0,      202.0,      2.0);
( 436282.4, 3762105.8,      203.1,      203.1,      2.0);      ( 436632.3, 3762115.6,
201.1,      201.1,      2.0);
( 436320.9, 3762136.3,      203.5,      203.5,      2.0);      ( 436318.6, 3762239.3,
205.8,      205.8,      2.0);
( 436315.2, 3762364.2,      207.9,      207.9,      2.0);      ( 436400.9, 3762308.3,
206.8,      206.8,      2.0);
( 436384.2, 3762390.1,      207.0,      207.0,      2.0);      ( 436316.9, 3762460.3,
204.6,      204.6,      2.0);
( 436300.2, 3762696.2,      206.3,      206.3,      2.0);      ( 436315.7, 3762804.4,
208.8,      208.8,      2.0);
( 436373.3, 3762854.5,      211.6,      211.6,      2.0);      ( 436382.5, 3762714.6,
205.6,      205.6,      2.0);
( 436383.6, 3762547.2,      212.0,      212.0,      2.0);      ( 436377.9, 3762595.5,
210.0,      210.0,      2.0);

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CO\14835 Const CO.is ***      05/28/24

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 436384.2, 3762473.5,      205.7,      205.7,      2.0);      ( 436845.2, 3762097.7,
200.6,      200.6,      2.0);
( 436981.0, 3762093.7,      202.1,      202.1,      2.0);      ( 437132.9, 3762087.4,
204.0,      204.0,      2.0);
( 437612.9, 3761991.8,      202.3,      202.3,      2.0);      ( 438134.9, 3762039.0,
204.9,      204.9,      2.0);
( 438656.8, 3762038.4,      204.2,      204.2,      2.0);      ( 438837.0, 3762037.9,
205.4,      205.4,      2.0);
( 438830.0, 3762098.9,      206.6,      206.6,
2.0);

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*** AERMOD - VERSION 23132 ***      C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ_U*

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[illegible]

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

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*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface station no.:	3179	Upper air station no.:	3190
Name:	UNKNOWN	Name:	
UNKNOWN			
Year:	2012	Year:	2012

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											
12	01	01		1	01	-2.3	0.067	-9.000	-9.000	-999.	41.	11.2	0.09	0.74	1.00	0.73	
313.			7.9		279.2	2.0											
12	01	01		1	02	-2.7	0.070	-9.000	-9.000	-999.	44.	11.3	0.09	0.74	1.00	0.80	
342.			7.9		280.9	2.0											
12	01	01		1	03	-5.6	0.098	-9.000	-9.000	-999.	73.	14.7	0.09	0.74	1.00	1.20	

9.	7.9	281.4	2.0											
12 01 01	1 04	-3.5	0.078	-9.000	-9.000	-999.	52.	11.9	0.09	0.74	1.00	0.94		
21.	7.9	282.0	2.0											
12 01 01	1 05	-8.4	0.119	-9.000	-9.000	-999.	99.	18.1	0.09	0.74	1.00	1.45		
353.	7.9	279.9	2.0											
12 01 01	1 06	-7.6	0.113	-9.000	-9.000	-999.	91.	17.0	0.09	0.74	1.00	1.38		
325.	7.9	277.5	2.0											
12 01 01	1 07	-8.0	0.117	-9.000	-9.000	-999.	96.	17.7	0.09	0.74	1.00	1.42		
313.	7.9	281.4	2.0											
12 01 01	1 08	-5.2	0.101	-9.000	-9.000	-999.	77.	17.5	0.09	0.74	0.53	1.23		
19.	7.9	280.9	2.0											
12 01 01	1 09	23.2	0.117	0.267	0.012	29.	97.	-6.2	0.09	0.74	0.31	0.96		
318.	7.9	287.5	2.0											
12 01 01	1 10	65.2	0.101	0.531	0.014	82.	77.	-1.4	0.09	0.74	0.24	0.63		
244.	7.9	291.4	2.0											
12 01 01	1 11	95.5	0.162	0.778	0.008	176.	156.	-4.0	0.09	0.74	0.21	1.23		
91.	7.9	296.4	2.0											
12 01 01	1 12	110.8	0.197	1.018	0.005	338.	209.	-6.1	0.09	0.74	0.20	1.60		
90.	7.9	299.9	2.0											
12 01 01	1 13	110.5	0.229	1.184	0.005	534.	262.	-9.6	0.09	0.74	0.20	1.98		
92.	7.9	302.0	2.0											
12 01 01	1 14	94.6	0.185	1.215	0.005	674.	191.	-5.9	0.09	0.74	0.21	1.50		
73.	7.9	303.1	2.0											
12 01 01	1 15	68.6	0.187	1.184	0.005	858.	194.	-8.4	0.09	0.74	0.25	1.59		
64.	7.9	303.1	2.0											
12 01 01	1 16	24.9	0.255	0.862	0.005	911.	308.	-58.8	0.09	0.74	0.34	2.61		
92.	7.9	300.4	2.0											
12 01 01	1 17	-13.7	0.168	-9.000	-9.000	-999.	168.	31.1	0.09	0.74	0.62	1.98		
107.	7.9	295.4	2.0											
12 01 01	1 18	-26.7	0.279	-9.000	-9.000	-999.	354.	85.6	0.09	0.74	1.00	3.22		
134.	7.9	291.4	2.0											
12 01 01	1 19	-8.0	0.118	-9.000	-9.000	-999.	120.	18.2	0.09	0.74	1.00	1.43		
37.	7.9	290.4	2.0											
12 01 01	1 20	-7.7	0.115	-9.000	-9.000	-999.	94.	17.6	0.09	0.74	1.00	1.40		
49.	7.9	287.0	2.0											
12 01 01	1 21	-9.7	0.130	-9.000	-9.000	-999.	113.	20.2	0.09	0.74	1.00	1.57		
26.	7.9	288.8	2.0											
12 01 01	1 22	-4.8	0.090	-9.000	-9.000	-999.	65.	13.6	0.09	0.74	1.00	1.11		
56.	7.9	284.9	2.0											
12 01 01	1 23	-11.5	0.141	-9.000	-9.000	-999.	127.	21.9	0.09	0.74	1.00	1.69		
36.	7.9	282.0	2.0											
12 01 01	1 24	-16.9	0.172	-9.000	-9.000	-999.	171.	32.4	0.09	0.74	1.00	2.03		
33.	7.9	279.9	2.0											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	313.	0.73	279.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 19:06:40

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,

VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF NOX IN **
MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
435742.02	3762152.20	7.61014	(16020317)	435724.12	
3762298.86	5.85635	(12100607)			
435747.26	3762361.49	8.14296	(12100607)	435723.30	
3762502.55	4.68616	(14091524)			
435859.19	3762496.30	7.70560	(13042407)	435966.95	
3762529.88	6.09901	(14120516)			
436013.81	3762335.43	6.56610	(13041207)	435991.16	
3762044.92	5.92857	(12012917)			
435909.17	3762031.65	5.21064	(15071820)	435769.38	
3762026.96	6.61913	(16020317)			
435725.65	3762045.70	5.91934	(16020317)	435688.89	
3762895.70	1.68870	(12060305)			
436376.34	3762576.84	2.46399	(13063022)	436377.42	
3762051.52	1.29313	(12081901)			
436105.04	3762030.98	2.48466	(15082622)	437041.68	
3761960.23	0.50927	(15082822)			
437484.97	3761801.09	0.33253	(16102719)	435575.67	
3762106.93	2.49512	(14091421)			
435629.19	3761948.67	2.37195	(16110923)	435594.08	
3761601.07	1.10741	(16110824)			
435574.52	3761483.10	0.91208	(14091701)	435576.82	
3761349.59	0.74607	(15090922)			
435533.08	3761323.11	0.71266	(14091701)	435533.08	
3761466.98	0.86002	(16110824)			
435532.51	3761590.14	1.03669	(16092523)	435521.57	
3761735.74	1.29841	(14042823)			
435455.39	3762121.89	1.77331	(16110301)	435308.64	
3761998.16	1.21921	(14091421)			
435089.38	3762109.23	0.88232	(16061924)	435008.24	
3762102.32	0.77946	(16092422)			
434982.92	3762041.90	0.74826	(16061924)	434916.16	
3762045.35	0.68890	(16061924)			
434913.86	3762096.57	0.68944	(16092422)	434807.97	
3762044.77	0.60098	(16061924)			
434644.53	3762110.95	0.50403	(16110218)	434570.29	
3762032.11	0.46500	(16092422)			
434509.87	3762100.02	0.44144	(16110218)	434450.59	
3762027.51	0.41581	(16092422)			
434373.48	3762101.17	0.39214	(16110218)	434250.32	
3762028.08	0.34806	(16092422)			
434184.14	3762102.32	0.33538	(16110218)	434103.58	
3762020.60	0.30877	(16092422)			
433979.27	3762102.90	0.29034	(15090921)	433986.18	
3762035.57	0.28573	(16110218)			
433812.38	3762100.02	0.25996	(15090921)	433884.32	
3762044.77	0.26829	(16110218)			
433816.98	3762048.23	0.25712	(16110218)	433738.14	
3762068.37	0.24536	(15090921)			
433707.64	3762141.45	0.24488	(15090921)	433650.67	
3762113.26	0.23655	(15090921)			
433607.51	3762151.24	0.23030	(15090921)	433553.41	
3762214.54	0.21737	(15090921)			
433646.06	3762194.40	0.23257	(15090921)	433540.75	
3762316.98	0.21529	(14100321)			

```
*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24
*** AERMET - VERSION 16216 ***
*** *** 19.0
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***  MODELOPTs:      RegDFAULT  CONC  ELEV  FLGPOL  URBAN  ADJ  U*
```

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
436315.17	3762364.17	2.46834	(15072403)	436400.92	
3762308.35	1.87098	(12083121)			
436384.23	3762390.06	1.89625	(16071324)	436316.89	
3762460.27	1.61688	(13062921)			
436300.21	3762696.22	1.62786	(13072524)	436315.74	
3762804.41	2.14847	(15082423)			
436373.29	3762854.48	2.14144	(15082423)	436382.50	
3762714.64	1.31461	(14080123)			
436383.65	3762547.17	2.47777	(13062524)	436377.90	
3762595.51	2.34091	(12080923)			
436384.23	3762473.51	1.55753	(13062921)	436845.19	
3762097.72	0.64608	(14072423)			

436981.01	3762093.69	0.55794	(16111018)	437132.93
3762087.36	0.49971	(16111018)		
437612.89	3761991.83	0.31365	(16111018)	438134.86
3762039.02	0.26254	(15100820)		
438656.82	3762038.44	0.18585	(13090106)	438836.95
3762037.87	0.19071	(15082222)		
438830.04	3762098.87	0.21899		
(15061922)				

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 19:06:40

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF NOX IN
MICROGRAMS/M**3

**

DATE

NETWORK

GROUP ID	AVERAGE CONC	(YYMMDDHH)	RECEPTOR	(XR, YR,
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID		

ALL HIGH 1ST HIGH VALUE IS 8.14296 ON 12100607: AT (435747.26, 3762361.49,
204.86, 204.86, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 19:06:40

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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	1279 Informational Message(s)
A Total of	43848 Hours Were Processed
A Total of	917 Calm Hours Identified
A Total of	362 Missing Hours Identified (0.83 Percent)

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

***** WARNING MESSAGES *****

ME W186	180	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	180	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** AERMOD Finishes Successfully ***

```

**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/28/2024
** File: C:\Users\atamase\Desktop\HRAs\14835\14835 Ops CO\14835 Ops CO.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is
  MODELOPT DFAULT CONC
  AVERTIME 1 8
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID CO
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "14835 Ops CO.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL6          VOLUME      435773.585  3762104.589      201.080
LOCATION VOL7          VOLUME      435805.357  3762104.589      201.090
LOCATION VOL8          VOLUME      435835.869  3762104.117      200.850
LOCATION VOL9          VOLUME      435867.641  3762104.116      200.470
LOCATION VOL10         VOLUME      435901.771  3762104.117      199.830
LOCATION VOL11         VOLUME      435933.543  3762104.116      198.590
LOCATION VOL12         VOLUME      435933.752  3762143.909      199.460
LOCATION VOL13         VOLUME      435901.981  3762143.910      200.690
LOCATION VOL14         VOLUME      435867.851  3762143.909      201.190
LOCATION VOL15         VOLUME      435836.079  3762143.910      201.390
LOCATION VOL16         VOLUME      435805.566  3762144.381      201.520
LOCATION VOL17         VOLUME      435773.795  3762144.382      201.520
LOCATION VOL18         VOLUME      435933.752  3762184.173      200.340
LOCATION VOL19         VOLUME      435901.981  3762184.174      201.570
LOCATION VOL20         VOLUME      435867.851  3762184.173      201.920
LOCATION VOL21         VOLUME      435836.079  3762184.174      201.940
LOCATION VOL22         VOLUME      435805.566  3762184.645      201.950
LOCATION VOL23         VOLUME      435773.795  3762184.646      201.950
LOCATION VOL24         VOLUME      435933.910  3762224.280      201.420
LOCATION VOL25         VOLUME      435902.138  3762224.281      202.490
LOCATION VOL26         VOLUME      435868.008  3762224.280      202.770
LOCATION VOL27         VOLUME      435836.236  3762224.281      202.770
LOCATION VOL28         VOLUME      435805.724  3762224.753      202.780
LOCATION VOL29         VOLUME      435773.952  3762224.753      202.770
LOCATION VOL30         VOLUME      435934.067  3762264.545      202.520
LOCATION VOL31         VOLUME      435902.295  3762264.546      203.410
LOCATION VOL32         VOLUME      435868.165  3762264.545      203.650
LOCATION VOL33         VOLUME      435836.394  3762264.546      203.640
LOCATION VOL34         VOLUME      435805.881  3762265.017      203.650
LOCATION VOL35         VOLUME      435774.109  3762265.018      203.640

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LOCATION VOL36	VOLUME	435934.067	3762304.652	203.220
LOCATION VOL37	VOLUME	435902.295	3762304.653	204.050
LOCATION VOL38	VOLUME	435868.165	3762304.652	204.260
LOCATION VOL39	VOLUME	435836.394	3762304.653	204.250
LOCATION VOL40	VOLUME	435805.881	3762305.124	204.260
LOCATION VOL41	VOLUME	435774.109	3762305.125	204.260
LOCATION VOL42	VOLUME	435934.224	3762344.916	203.660
LOCATION VOL43	VOLUME	435902.452	3762344.917	204.490
LOCATION VOL44	VOLUME	435868.323	3762344.916	204.690
LOCATION VOL45	VOLUME	435836.551	3762344.917	204.690
LOCATION VOL46	VOLUME	435806.038	3762345.389	204.690
LOCATION VOL47	VOLUME	435774.266	3762345.389	204.690
LOCATION VOL48	VOLUME	435934.696	3762384.866	204.030
LOCATION VOL49	VOLUME	435902.924	3762384.867	204.800
LOCATION VOL50	VOLUME	435868.794	3762384.866	205.040
LOCATION VOL51	VOLUME	435837.023	3762384.867	205.090
LOCATION VOL52	VOLUME	435806.510	3762385.338	205.130
LOCATION VOL53	VOLUME	435778.809	3762377.937	205.040
LOCATION VOL54	VOLUME	435934.381	3762424.659	204.260
LOCATION VOL55	VOLUME	435902.610	3762424.660	204.860
LOCATION VOL56	VOLUME	435868.480	3762424.659	205.190
LOCATION VOL57	VOLUME	435836.708	3762424.660	205.420
LOCATION VOL58	VOLUME	435804.715	3762414.213	205.440
LOCATION VOL60	VOLUME	435934.853	3762450.610	204.400
LOCATION VOL61	VOLUME	435903.082	3762450.611	204.880
LOCATION VOL62	VOLUME	435868.952	3762450.610	205.280
LOCATION VOL63	VOLUME	435837.846	3762442.784	205.560
LOCATION VOL64	VOLUME	435818.112	3762429.202	205.600
LOCATION VOL65	VOLUME	435793.667	3762396.192	205.240

** Source Parameters **

SRCPARAM VOL6	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL7	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL8	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL9	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL10	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL11	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL12	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL13	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL14	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL15	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL16	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL17	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL18	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL19	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL20	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL21	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL22	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL23	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL24	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL25	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL26	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL27	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL28	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL29	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL30	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL31	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL32	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL33	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL34	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL35	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL36	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL37	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL38	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL39	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL40	0.0037282773	5.000	9.291	1.400
SRCPARAM VOL41	0.0037282773	5.000	9.291	1.400

SRCPARAM	VOL42	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL43	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL44	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL45	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL46	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL47	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL48	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL49	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL50	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL51	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL52	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL53	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL54	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL55	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL56	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL57	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL58	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL60	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL61	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL62	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL63	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL64	0.0037282773	5.000	9.291	1.400
SRCPARAM	VOL65	0.0037282773	5.000	9.291	1.400
URBANSRC	ALL				
SRCGROUP	ALL				

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "14835 Ops CO.rou"
RE FINISHED

**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE KCNO_V9_ADJU\KCNO_v9.SFC
PROFFILE KCNO_V9_ADJU\KCNO_v9.PFL
SURFDATA 3179 2012
UAIRDATA 3190 2012
PROFBASE 198.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 1 1ST
RECTABLE 8 1ST
** Auto-Generated Plotfiles
PLOTFILE 1 ALL 1ST "14835 OPS CO.AD\01H1GALL.PLT" 31
PLOTFILE 8 ALL 1ST "14835 OPS CO.AD\08H1GALL.PLT" 32
SUMMFILE "14835 Ops CO.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 180 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 180 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 59 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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 Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: CO

**Model Calculates 2 Short Term Average(s) of: 1-HR 8-HR

**This Run Includes: 59 Source(s); 1 Source Group(s); and 99 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 59 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)

and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 198.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14835 Ops

CO.err

**File for Summary of Results: 14835 Ops

CO.sum

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT				
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR	VARY			(METERS)	(METERS)	(METERS)	(METERS)
	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)
VOL6	0	0.37283E-02	435773.6	3762104.6	201.1	5.00	9.29	1.40
YES		NO						
VOL7	0	0.37283E-02	435805.4	3762104.6	201.1	5.00	9.29	1.40
YES		NO						
VOL8	0	0.37283E-02	435835.9	3762104.1	200.9	5.00	9.29	1.40
YES		NO						
VOL9	0	0.37283E-02	435867.6	3762104.1	200.5	5.00	9.29	1.40
YES		NO						
VOL10	0	0.37283E-02	435901.8	3762104.1	199.8	5.00	9.29	1.40
YES		NO						
VOL11	0	0.37283E-02	435933.5	3762104.1	198.6	5.00	9.29	1.40
YES		NO						

VOL12	0	0.37283E-02	435933.8	3762143.9	199.5	5.00	9.29	1.40
YES		NO						
VOL13	0	0.37283E-02	435902.0	3762143.9	200.7	5.00	9.29	1.40
YES		NO						
VOL14	0	0.37283E-02	435867.9	3762143.9	201.2	5.00	9.29	1.40
YES		NO						
VOL15	0	0.37283E-02	435836.1	3762143.9	201.4	5.00	9.29	1.40
YES		NO						
VOL16	0	0.37283E-02	435805.6	3762144.4	201.5	5.00	9.29	1.40
YES		NO						
VOL17	0	0.37283E-02	435773.8	3762144.4	201.5	5.00	9.29	1.40
YES		NO						
VOL18	0	0.37283E-02	435933.8	3762184.2	200.3	5.00	9.29	1.40
YES		NO						
VOL19	0	0.37283E-02	435902.0	3762184.2	201.6	5.00	9.29	1.40
YES		NO						
VOL20	0	0.37283E-02	435867.9	3762184.2	201.9	5.00	9.29	1.40
YES		NO						
VOL21	0	0.37283E-02	435836.1	3762184.2	201.9	5.00	9.29	1.40
YES		NO						
VOL22	0	0.37283E-02	435805.6	3762184.6	202.0	5.00	9.29	1.40
YES		NO						
VOL23	0	0.37283E-02	435773.8	3762184.6	202.0	5.00	9.29	1.40
YES		NO						
VOL24	0	0.37283E-02	435933.9	3762224.3	201.4	5.00	9.29	1.40
YES		NO						
VOL25	0	0.37283E-02	435902.1	3762224.3	202.5	5.00	9.29	1.40
YES		NO						
VOL26	0	0.37283E-02	435868.0	3762224.3	202.8	5.00	9.29	1.40
YES		NO						
VOL27	0	0.37283E-02	435836.2	3762224.3	202.8	5.00	9.29	1.40
YES		NO						
VOL28	0	0.37283E-02	435805.7	3762224.8	202.8	5.00	9.29	1.40
YES		NO						
VOL29	0	0.37283E-02	435774.0	3762224.8	202.8	5.00	9.29	1.40
YES		NO						
VOL30	0	0.37283E-02	435934.1	3762264.5	202.5	5.00	9.29	1.40
YES		NO						
VOL31	0	0.37283E-02	435902.3	3762264.5	203.4	5.00	9.29	1.40
YES		NO						
VOL32	0	0.37283E-02	435868.2	3762264.5	203.7	5.00	9.29	1.40
YES		NO						
VOL33	0	0.37283E-02	435836.4	3762264.5	203.6	5.00	9.29	1.40
YES		NO						
VOL34	0	0.37283E-02	435805.9	3762265.0	203.7	5.00	9.29	1.40
YES		NO						
VOL35	0	0.37283E-02	435774.1	3762265.0	203.6	5.00	9.29	1.40
YES		NO						
VOL36	0	0.37283E-02	435934.1	3762304.7	203.2	5.00	9.29	1.40
YES		NO						
VOL37	0	0.37283E-02	435902.3	3762304.7	204.1	5.00	9.29	1.40
YES		NO						
VOL38	0	0.37283E-02	435868.2	3762304.7	204.3	5.00	9.29	1.40
YES		NO						
VOL39	0	0.37283E-02	435836.4	3762304.7	204.2	5.00	9.29	1.40
YES		NO						
VOL40	0	0.37283E-02	435805.9	3762305.1	204.3	5.00	9.29	1.40
YES		NO						
VOL41	0	0.37283E-02	435774.1	3762305.1	204.3	5.00	9.29	1.40
YES		NO						
VOL42	0	0.37283E-02	435934.2	3762344.9	203.7	5.00	9.29	1.40
YES		NO						
VOL43	0	0.37283E-02	435902.5	3762344.9	204.5	5.00	9.29	1.40
YES		NO						
VOL44	0	0.37283E-02	435868.3	3762344.9	204.7	5.00	9.29	1.40
YES		NO						

VOL45 0 0.37283E-02 435836.6 3762344.9 204.7 5.00 9.29 1.40
YES NO
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT				
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY						

VOL46	0	0.37283E-02	435806.0	3762345.4	204.7	5.00	9.29	1.40
YES		NO						
VOL47	0	0.37283E-02	435774.3	3762345.4	204.7	5.00	9.29	1.40
YES		NO						
VOL48	0	0.37283E-02	435934.7	3762384.9	204.0	5.00	9.29	1.40
YES		NO						
VOL49	0	0.37283E-02	435902.9	3762384.9	204.8	5.00	9.29	1.40
YES		NO						
VOL50	0	0.37283E-02	435868.8	3762384.9	205.0	5.00	9.29	1.40
YES		NO						
VOL51	0	0.37283E-02	435837.0	3762384.9	205.1	5.00	9.29	1.40
YES		NO						
VOL52	0	0.37283E-02	435806.5	3762385.3	205.1	5.00	9.29	1.40
YES		NO						
VOL53	0	0.37283E-02	435778.8	3762377.9	205.0	5.00	9.29	1.40
YES		NO						
VOL54	0	0.37283E-02	435934.4	3762424.7	204.3	5.00	9.29	1.40
YES		NO						
VOL55	0	0.37283E-02	435902.6	3762424.7	204.9	5.00	9.29	1.40
YES		NO						
VOL56	0	0.37283E-02	435868.5	3762424.7	205.2	5.00	9.29	1.40
YES		NO						
VOL57	0	0.37283E-02	435836.7	3762424.7	205.4	5.00	9.29	1.40
YES		NO						
VOL58	0	0.37283E-02	435804.7	3762414.2	205.4	5.00	9.29	1.40
YES		NO						
VOL60	0	0.37283E-02	435934.9	3762450.6	204.4	5.00	9.29	1.40
YES		NO						
VOL61	0	0.37283E-02	435903.1	3762450.6	204.9	5.00	9.29	1.40
YES		NO						
VOL62	0	0.37283E-02	435869.0	3762450.6	205.3	5.00	9.29	1.40
YES		NO						
VOL63	0	0.37283E-02	435837.8	3762442.8	205.6	5.00	9.29	1.40
YES		NO						
VOL64	0	0.37283E-02	435818.1	3762429.2	205.6	5.00	9.29	1.40
YES		NO						
VOL65	0	0.37283E-02	435793.7	3762396.2	205.2	5.00	9.29	1.40
YES		NO						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	VOL11	,
VOL12	, VOL13	,										
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,
	VOL61	,	VOL62	,								
	VOL63	,	VOL64	,	VOL65	,						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

	2035210.	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	
	VOL11	, VOL12	,									
VOL13	,											
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,

VOL61 , VOL62 ,

VOL63 , VOL64 , VOL65 ,

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(435742.0, 3762152.2, 201.6, 201.6, 2.0);	(435724.1, 3762298.9, 204.2, 204.2, 2.0);
(435747.3, 3762361.5, 204.9, 204.9, 2.0);	(435723.3, 3762502.5, 205.9, 205.9, 2.0);
(435859.2, 3762496.3, 205.7, 205.7, 2.0);	(435967.0, 3762529.9, 206.1, 206.1, 2.0);
(436013.8, 3762335.4, 202.6, 202.6, 2.0);	(435991.2, 3762044.9, 197.4, 197.4, 2.0);
(435909.2, 3762031.6, 199.3, 199.3, 2.0);	(435769.4, 3762027.0, 200.2, 200.2, 2.0);
(435725.6, 3762045.7, 200.4, 200.4, 2.0);	(435688.9, 3762895.7, 206.6, 206.6, 2.0);
(436376.3, 3762576.8, 211.3, 211.3, 2.0);	(436377.4, 3762051.5, 201.8, 201.8, 2.0);
(436105.0, 3762031.0, 198.8, 198.8, 2.0);	(437041.7, 3761960.2, 200.2, 200.2, 2.0);
(437485.0, 3761801.1, 200.1, 200.1, 2.0);	(435575.7, 3762106.9, 201.2, 201.2, 2.0);
(435629.2, 3761948.7, 198.6, 198.6, 2.0);	(435594.1, 3761601.1, 195.5, 195.5, 2.0);
(435574.5, 3761483.1, 194.5, 194.5, 2.0);	(435576.8, 3761349.6, 192.1, 192.1, 2.0);
(435533.1, 3761323.1, 193.0, 193.0, 2.0);	(435533.1, 3761467.0, 195.3, 195.3, 2.0);
(435532.5, 3761590.1, 196.5, 196.5, 2.0);	(435521.6, 3761735.7, 197.9, 197.9, 2.0);
(435455.4, 3762121.9, 203.9, 203.9, 2.0);	(435308.6, 3761998.2, 200.8, 200.8, 2.0);
(435089.4, 3762109.2, 201.1, 201.1, 2.0);	(435008.2, 3762102.3, 200.5, 200.5, 2.0);
(434982.9, 3762041.9, 200.1, 200.1, 2.0);	(434916.2, 3762045.3, 200.7, 200.7, 2.0);
(434913.9, 3762096.6, 200.7, 200.7, 2.0);	(434808.0, 3762044.8, 201.4, 201.4, 2.0);
(434644.5, 3762110.9, 201.1, 201.1, 2.0);	(434570.3, 3762032.1, 200.8, 200.8, 2.0);
(434509.9, 3762100.0, 200.0, 200.0, 2.0);	(434450.6, 3762027.5, 199.4, 199.4, 2.0);
(434373.5, 3762101.2, 199.2, 199.2, 2.0);	(434250.3, 3762028.1, 197.3, 197.3, 2.0);
(434184.1, 3762102.3, 196.4, 196.4, 2.0);	(434103.6, 3762020.6, 197.8, 197.8, 2.0);
(433979.3, 3762102.9, 196.1, 196.1, 2.0);	(433986.2, 3762035.6, 196.2, 196.2, 2.0);
(433812.4, 3762100.0, 195.1, 195.1, 2.0);	(433884.3, 3762044.8, 196.0, 196.0, 2.0);
(433817.0, 3762048.2, 195.7, 195.7, 2.0);	(433738.1, 3762068.4, 195.5, 195.5, 2.0);
(433707.6, 3762141.4, 195.8, 195.8, 2.0);	(433650.7, 3762113.3, 197.1, 197.1, 2.0);
(433607.5, 3762151.2, 197.7, 197.7, 2.0);	(433553.4, 3762214.5,

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198.8,      198.8,      2.0);
( 433646.1, 3762194.4,      197.2,      197.2,      2.0);      ( 433540.8, 3762317.0,
198.6,      198.6,      2.0);
( 433490.7, 3762288.2,      199.3,      199.3,      2.0);      ( 433461.3, 3762325.6,
199.6,      199.6,      2.0);
( 433505.6, 3762364.2,      199.0,      199.0,      2.0);      ( 433406.7, 3762363.0,
200.0,      200.0,      2.0);
( 433365.8, 3762459.7,      197.0,      197.0,      2.0);      ( 433280.6, 3762509.8,
196.9,      196.9,      2.0);
( 433052.7, 3762772.8,      207.1,      207.1,      2.0);      ( 433099.9, 3762716.4,
204.5,      204.5,      2.0);
( 435530.8, 3762264.6,      204.3,      204.3,      2.0);      ( 435575.1, 3762162.8,
201.3,      201.3,      2.0);
( 435579.1, 3762300.9,      204.3,      204.3,      2.0);      ( 435572.8, 3762402.1,
205.1,      205.1,      2.0);
( 435534.2, 3762377.4,      205.7,      205.7,      2.0);      ( 435510.1, 3762594.4,
205.8,      205.8,      2.0);
( 435590.6, 3762718.1,      210.1,      210.1,      2.0);      ( 435533.7, 3762701.4,
209.6,      209.6,      2.0);
( 435531.9, 3762761.2,      211.3,      211.3,      2.0);      ( 435533.1, 3762842.4,
209.0,      209.0,      2.0);
( 435530.2, 3762901.7,      208.9,      208.9,      2.0);      ( 435576.2, 3762894.8,
208.5,      208.5,      2.0);
( 436074.6, 3762112.1,      199.4,      199.4,      2.0);      ( 436197.8, 3762106.9,
202.0,      202.0,      2.0);
( 436282.4, 3762105.8,      203.1,      203.1,      2.0);      ( 436632.3, 3762115.6,
201.1,      201.1,      2.0);
( 436320.9, 3762136.3,      203.5,      203.5,      2.0);      ( 436318.6, 3762239.3,
205.8,      205.8,      2.0);
( 436315.2, 3762364.2,      207.9,      207.9,      2.0);      ( 436400.9, 3762308.3,
206.8,      206.8,      2.0);
( 436384.2, 3762390.1,      207.0,      207.0,      2.0);      ( 436316.9, 3762460.3,
204.6,      204.6,      2.0);
( 436300.2, 3762696.2,      206.3,      206.3,      2.0);      ( 436315.7, 3762804.4,
208.8,      208.8,      2.0);
( 436373.3, 3762854.5,      211.6,      211.6,      2.0);      ( 436382.5, 3762714.6,
205.6,      205.6,      2.0);
( 436383.6, 3762547.2,      212.0,      212.0,      2.0);      ( 436377.9, 3762595.5,
210.0,      210.0,      2.0);

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*** AERMOD - VERSION 23132 ***      C:\Users\atamase\Desktop\HRAs\14835\14835 Const
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*** AERMET - VERSION 16216 ***
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*** MODELOPTs:      RegDFAULT      CONC      ELEV      FLGPOL      URBAN      ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 436384.2, 3762473.5,      205.7,      205.7,      2.0);      ( 436845.2, 3762097.7,
200.6,      200.6,      2.0);
( 436981.0, 3762093.7,      202.1,      202.1,      2.0);      ( 437132.9, 3762087.4,
204.0,      204.0,      2.0);
( 437612.9, 3761991.8,      202.3,      202.3,      2.0);      ( 438134.9, 3762039.0,
204.9,      204.9,      2.0);
( 438656.8, 3762038.4,      204.2,      204.2,      2.0);      ( 438837.0, 3762037.9,
205.4,      205.4,      2.0);
( 438830.0, 3762098.9,      206.6,      206.6,
2.0);

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*** AERMOD - VERSION 23132 ***      C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is ***      05/28/24

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*** AERMET - VERSION 16216 ***
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***      18:56:19

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342.	7.9	280.9	2.0											
12 01 01	1 03	-5.6	0.098	-9.000	-9.000	-999.	73.	14.7	0.09	0.74	1.00	1.20		
9.	7.9	281.4	2.0											
12 01 01	1 04	-3.5	0.078	-9.000	-9.000	-999.	52.	11.9	0.09	0.74	1.00	0.94		
21.	7.9	282.0	2.0											
12 01 01	1 05	-8.4	0.119	-9.000	-9.000	-999.	99.	18.1	0.09	0.74	1.00	1.45		
353.	7.9	279.9	2.0											
12 01 01	1 06	-7.6	0.113	-9.000	-9.000	-999.	91.	17.0	0.09	0.74	1.00	1.38		
325.	7.9	277.5	2.0											
12 01 01	1 07	-8.0	0.117	-9.000	-9.000	-999.	96.	17.7	0.09	0.74	1.00	1.42		
313.	7.9	281.4	2.0											
12 01 01	1 08	-5.2	0.101	-9.000	-9.000	-999.	77.	17.5	0.09	0.74	0.53	1.23		
19.	7.9	280.9	2.0											
12 01 01	1 09	23.2	0.117	0.267	0.012	29.	97.	-6.2	0.09	0.74	0.31	0.96		
318.	7.9	287.5	2.0											
12 01 01	1 10	65.2	0.101	0.531	0.014	82.	77.	-1.4	0.09	0.74	0.24	0.63		
244.	7.9	291.4	2.0											
12 01 01	1 11	95.5	0.162	0.778	0.008	176.	156.	-4.0	0.09	0.74	0.21	1.23		
91.	7.9	296.4	2.0											
12 01 01	1 12	110.8	0.197	1.018	0.005	338.	209.	-6.1	0.09	0.74	0.20	1.60		
90.	7.9	299.9	2.0											
12 01 01	1 13	110.5	0.229	1.184	0.005	534.	262.	-9.6	0.09	0.74	0.20	1.98		
92.	7.9	302.0	2.0											
12 01 01	1 14	94.6	0.185	1.215	0.005	674.	191.	-5.9	0.09	0.74	0.21	1.50		
73.	7.9	303.1	2.0											
12 01 01	1 15	68.6	0.187	1.184	0.005	858.	194.	-8.4	0.09	0.74	0.25	1.59		
64.	7.9	303.1	2.0											
12 01 01	1 16	24.9	0.255	0.862	0.005	911.	308.	-58.8	0.09	0.74	0.34	2.61		
92.	7.9	300.4	2.0											
12 01 01	1 17	-13.7	0.168	-9.000	-9.000	-999.	168.	31.1	0.09	0.74	0.62	1.98		
107.	7.9	295.4	2.0											
12 01 01	1 18	-26.7	0.279	-9.000	-9.000	-999.	354.	85.6	0.09	0.74	1.00	3.22		
134.	7.9	291.4	2.0											
12 01 01	1 19	-8.0	0.118	-9.000	-9.000	-999.	120.	18.2	0.09	0.74	1.00	1.43		
37.	7.9	290.4	2.0											
12 01 01	1 20	-7.7	0.115	-9.000	-9.000	-999.	94.	17.6	0.09	0.74	1.00	1.40		
49.	7.9	287.0	2.0											
12 01 01	1 21	-9.7	0.130	-9.000	-9.000	-999.	113.	20.2	0.09	0.74	1.00	1.57		
26.	7.9	288.8	2.0											
12 01 01	1 22	-4.8	0.090	-9.000	-9.000	-999.	65.	13.6	0.09	0.74	1.00	1.11		
56.	7.9	284.9	2.0											
12 01 01	1 23	-11.5	0.141	-9.000	-9.000	-999.	127.	21.9	0.09	0.74	1.00	1.69		
36.	7.9	282.0	2.0											
12 01 01	1 24	-16.9	0.172	-9.000	-9.000	-999.	171.	32.4	0.09	0.74	1.00	2.03		
33.	7.9	279.9	2.0											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB_TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	313.	0.73	279.3	99.0	-99.00	-99.00

F indicates top of profile (=1) or below (=0)

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CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,

VOL19	,	VOL20	,	VOL21	,	VOL22	,	VOL23	,
VOL24	,	VOL25	,	VOL26	,				
VOL27	,	VOL28	,	VOL29	,	VOL30	,	VOL31	,
VOL32	,	VOL33	,	. . .	,				

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

		** CONC OF CO		IN			**	
		MICROGRAMS/M**3						
X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)		X-COORD (M)	Y-COORD		
(M)	CONC	(YYMMDDHH)						
435742.02	3762152.20	29.35908	(16020317)		435724.12			
3762298.86	22.59315	(12100607)						
435747.26	3762361.49	31.41462	(12100607)		435723.30			
3762502.55	18.07869	(14091524)						
435859.19	3762496.30	29.72733	(13042407)		435966.95			
3762529.88	23.52930	(14120516)						
436013.81	3762335.43	25.33130	(13041207)		435991.16			
3762044.92	22.87178	(12012917)						
435909.17	3762031.65	20.10205	(15071820)		435769.38			
3762026.96	25.53585	(16020317)						
435725.65	3762045.70	22.83617	(16020317)		435688.89			
3762895.70	6.51482	(12060305)						
436376.34	3762576.84	9.50582	(13063022)		436377.42			
3762051.52	4.98876	(12081901)						
436105.04	3762030.98	9.58556	(15082622)		437041.68			
3761960.23	1.96471	(15082822)						
437484.97	3761801.09	1.28287	(16102719)		435575.67			
3762106.93	9.62591	(14091421)						
435629.19	3761948.67	9.15071	(16110923)		435594.08			
3761601.07	4.27227	(16110824)						
435574.52	3761483.10	3.51869	(14091701)		435576.82			
3761349.59	2.87824	(15090922)						
435533.08	3761323.11	2.74934	(14091701)		435533.08			
3761466.98	3.31787	(16110824)						
435532.51	3761590.14	3.99942	(16092523)		435521.57			
3761735.74	5.00912	(14042823)						
435455.39	3762121.89	6.84124	(16110301)		435308.64			
3761998.16	4.70358	(14091421)						
435089.38	3762109.23	3.40390	(16061924)		435008.24			
3762102.32	3.00708	(16092422)						
434982.92	3762041.90	2.88669	(16061924)		434916.16			
3762045.35	2.65771	(16061924)						
434913.86	3762096.57	2.65978	(16092422)		434807.97			
3762044.77	2.31850	(16061924)						
434644.53	3762110.95	1.94450	(16110218)		434570.29			
3762032.11	1.79393	(16092422)						
434509.87	3762100.02	1.70303	(16110218)		434450.59			
3762027.51	1.60414	(16092422)						
434373.48	3762101.17	1.51282	(16110218)		434250.32			
3762028.08	1.34279	(16092422)						
434184.14	3762102.32	1.29386	(16110218)		434103.58			
3762020.60	1.19121	(16092422)						
433979.27	3762102.90	1.12009	(15090921)		433986.18			
3762035.57	1.10231	(16110218)						
433812.38	3762100.02	1.00289	(15090921)		433884.32			
3762044.77	1.03505	(16110218)						
433816.98	3762048.23	0.99192	(16110218)		433738.14			
3762068.37	0.94657	(15090921)						
433707.64	3762141.45	0.94471	(15090921)		433650.67			
3762113.26	0.91259	(15090921)						
433607.51	3762151.24	0.88849	(15090921)		433553.41			
3762214.54	0.83860	(15090921)						

433646.06	3762194.40	0.89724	(15090921)	433540.75
3762316.98	0.83057	(14100321)		
433490.68	3762288.20	0.81091	(14100321)	433461.33
3762325.61	0.79221	(14100321)		
433505.65	3762364.17	0.80137	(16102604)	433406.66
3762363.02	0.75900	(16102604)		
433365.80	3762459.70	0.74512	(15102322)	433280.63
3762509.77	0.70845	(12020622)		
433052.74	3762772.76	0.97677	(15090824)	433099.93
3762716.37	0.73705	(15092504)		
435530.78	3762264.61	8.58744	(13082922)	435575.09
3762162.75	9.72253	(12092322)		
435579.12	3762300.86	9.93416	(15090921)	435572.79
3762402.15	10.43939	(15101220)		
435534.23	3762377.40	9.69392	(16111521)	435510.06
3762594.36	7.70509	(15082702)		
435590.63	3762718.09	12.78284	(16062003)	435533.66
3762701.40	11.49519	(14072601)		
435531.93	3762761.25	11.38862	(12010218)	435533.08
3762842.40	9.36874	(16062003)		
435530.21	3762901.67	8.56049	(12091522)	435576.24
3762894.77	8.70683	(15081402)		
436074.62	3762112.10	13.23856	(12122516)	436197.77
3762106.93	7.96010	(12122516)		
436282.37	3762105.77	6.31703	(13091621)	436632.26
3762115.56	3.34342	(12081323)		
436320.92	3762136.28	5.99817	(15082822)	436318.62
3762239.29	7.39790	(14091422)		

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CO\14835 Const CO.is *** 05/28/24
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 1-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
436315.17	3762364.17	9.52258	(15072403)	436400.92	
3762308.35	7.21802	(12083121)			
436384.23	3762390.06	7.31552	(16071324)	436316.89	
3762460.27	6.23775	(13062921)			
436300.21	3762696.22	6.28010	(13072524)	436315.74	
3762804.41	8.28855	(15082423)			
436373.29	3762854.48	8.26143	(15082423)	436382.50	
3762714.64	5.07163	(14080123)			
436383.65	3762547.17	9.55896	(13062524)	436377.90	
3762595.51	9.03097	(12080923)			

436384.23	3762473.51	6.00879	(13062921)	436845.19
3762097.72	2.49250	(14072423)		
436981.01	3762093.69	2.15246	(16111018)	437132.93
3762087.36	1.92784	(16111018)		
437612.89	3761991.83	1.21004	(16111018)	438134.86
3762039.02	1.01286	(15100820)		
438656.82	3762038.44	0.71699	(13090106)	438836.95
3762037.87	0.73575	(15082222)		
438830.04	3762098.87	0.84483		
(15061922)				

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***

	INCLUDING SOURCE(S):	VOL6	, VOL7	,
	VOL8	, VOL9	, VOL10	,
VOL11	, VOL12	, VOL13	, VOL14	, VOL15
VOL16	, VOL17	, VOL18	,	
VOL19	, VOL20	, VOL21	, VOL22	, VOL23
VOL24	, VOL25	, VOL26	,	
VOL27	, VOL28	, VOL29	, VOL30	, VOL31
VOL32	, VOL33	, . . .	,	

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
435742.02	3762152.20	21.99552	(12113008)	435724.12	
3762298.86	19.23697	(12113008)			
435747.26	3762361.49	26.27053	(12113008)	435723.30	
3762502.55	10.70349	(14021808)			
435859.19	3762496.30	20.91991	(12022508)	435966.95	
3762529.88	14.15881	(16082608)			
436013.81	3762335.43	14.87895	(13020608)	435991.16	
3762044.92	10.64357	(12012508)			
435909.17	3762031.65	15.81400c	(14012108)	435769.38	
3762026.96	15.17445	(16121608)			
435725.65	3762045.70	14.23870	(16122908)	435688.89	
3762895.70	2.62814	(14021808)			
436376.34	3762576.84	5.47171	(13091808)	436377.42	
3762051.52	3.56759c	(14072508)			
436105.04	3762030.98	6.18841	(12082508)	437041.68	
3761960.23	1.19569	(15050408)			
437484.97	3761801.09	0.71589	(13051808)	435575.67	
3762106.93	8.01556	(13011808)			
435629.19	3761948.67	6.97135	(16122908)	435594.08	
3761601.07	2.91295	(16121608)			
435574.52	3761483.10	2.22153	(16121608)	435576.82	
3761349.59	1.60756	(16121608)			
435533.08	3761323.11	1.63309	(16121608)	435533.08	
3761466.98	2.22040	(16121608)			
435532.51	3761590.14	2.84051	(16121608)	435521.57	
3761735.74	3.48782	(16121608)			
435455.39	3762121.89	5.63083	(13011808)	435308.64	
3761998.16	3.30957	(13011808)			

435089.38	3762109.23	2.10001	(13011808)	435008.24
3762102.32	1.78120	(13011808)		
434982.92	3762041.90	1.73156	(13011808)	434916.16
3762045.35	1.53144	(13011808)		
434913.86	3762096.57	1.50751	(12020624)	434807.97
3762044.77	1.27529	(13011808)		
434644.53	3762110.95	1.07018	(12020624)	434570.29
3762032.11	0.97061	(16122224)		
434509.87	3762100.02	0.91665	(16122224)	434450.59
3762027.51	0.86081	(16122224)		
434373.48	3762101.17	0.79425	(16122224)	434250.32
3762028.08	0.71545	(16122224)		
434184.14	3762102.32	0.65952	(16122224)	434103.58
3762020.60	0.63189	(16122224)		
433979.27	3762102.90	0.55179	(12020624)	433986.18
3762035.57	0.57195	(16122224)		
433812.38	3762100.02	0.48321	(12020624)	433884.32
3762044.77	0.52589	(16122224)		
433816.98	3762048.23	0.49839	(16122224)	433738.14
3762068.37	0.46429	(16122224)		
433707.64	3762141.45	0.44831	(12020624)	433650.67
3762113.26	0.43060	(12020624)		
433607.51	3762151.24	0.41787	(12020624)	433553.41
3762214.54	0.39921	(12020624)		
433646.06	3762194.40	0.42722	(12020624)	433540.75
3762316.98	0.38126	(12020624)		
433490.68	3762288.20	0.37384	(12020624)	433461.33
3762325.61	0.36047	(12020624)		
433505.65	3762364.17	0.36282	(12020624)	433406.66
3762363.02	0.34110	(12020624)		
433365.80	3762459.70	0.31019	(12020624)	433280.63
3762509.77	0.28314	(12020624)		
433052.74	3762772.76	0.35056	(16011908)	433099.93
3762716.37	0.26891	(12122008)		
435530.78	3762264.61	6.90520	(12020624)	435575.09
3762162.75	8.52779	(13011808)		
435579.12	3762300.86	8.25958	(12020624)	435572.79
3762402.15	6.44931	(12122024)		
435534.23	3762377.40	5.97324	(12020624)	435510.06
3762594.36	3.95594	(12020408)		
435590.63	3762718.09	4.79284	(13012408)	435533.66
3762701.40	4.97123	(16060308)		
435531.93	3762761.25	4.15537	(13012408)	435533.08
3762842.40	3.15351	(13012408)		
435530.21	3762901.67	2.66591	(16120708)	435576.24
3762894.77	2.74951	(14021808)		
436074.62	3762112.10	8.72514	(13020924)	436197.77
3762106.93	5.77577c	(14072508)		
436282.37	3762105.77	4.65934c	(14072508)	436632.26
3762115.56	2.32188	(15050408)		
436320.92	3762136.28	4.30175	(15050408)	436318.62
3762239.29	4.86016	(16010924)		

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
 CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 18:56:19

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 8-HR AVERAGE CONCENTRATION VALUES FOR
 SOURCE GROUP: ALL ***
 INCLUDING SOURCE(S): VOL6 , VOL7 ,
 VOL8 , VOL9 , VOL10 ,
 VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
 VOL16 , VOL17 , VOL18 ,

VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
436315.17	3762364.17	5.85834	(13020608)	436400.92	
3762308.35	4.45075	(16010924)			
436384.23	3762390.06	4.70461	(13020524)	436316.89	
3762460.27	4.83659	(16103024)			
436300.21	3762696.22	4.65792	(13102408)	436315.74	
3762804.41	5.81463	(13102408)			
436373.29	3762854.48	5.46568	(13102408)	436382.50	
3762714.64	3.47981	(13102408)			
436383.65	3762547.17	5.67522	(13091808)	436377.90	
3762595.51	5.07804	(13091808)			
436384.23	3762473.51	4.28399	(16103024)	436845.19	
3762097.72	1.69628	(15050408)			
436981.01	3762093.69	1.43595	(15050408)	437132.93	
3762087.36	1.24302	(15050408)			
437612.89	3761991.83	0.76300	(15050408)	438134.86	
3762039.02	0.59026	(14041308)			
438656.82	3762038.44	0.43934	(14041308)	438836.95	
3762037.87	0.43504	(14041308)			
438830.04	3762098.87	0.47361			
(14041308)					

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 18:56:19

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 1-HR RESULTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

DATE

GROUP ID	AVERAGE CONC	(YYMMDDHH)	NETWORK
ZELEV, ZHILL, ZFLAG)	OF TYPE	GRID-ID	RECEPTOR (XR, YR,

ALL HIGH 1ST HIGH VALUE IS 31.41462 ON 12100607: AT (435747.26, 3762361.49,
204.86, 204.86, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 18:56:19

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 8-HR RESULTS ***

** CONC OF CO IN
MICROGRAMS/M**3 **

GROUP ID	DATE	AVERAGE CONC	RECEPTOR	NETWORK
ZELEV, ZHILL, ZFLAG)	(YYMMDDHH)	GRID-ID	(XR, YR,	

ALL HIGH 1ST HIGH VALUE IS 26.27053 ON 12113008: AT (435747.26, 3762361.49,
204.86, 204.86, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 18:56:19

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1279 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 917 Calm Hours Identified

A Total of 362 Missing Hours Identified (0.83 Percent)

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

***** WARNING MESSAGES *****
ME W186 180 MEOPEN: THRESH 1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 180 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/28/2024
** File: C:\Users\atamase\Desktop\HRAs\14835\14835 Ops PM10\14835 Ops PM10.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID PM_10
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "14835 Ops PM10.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL6          VOLUME      435773.585  3762104.589      201.080
LOCATION VOL7          VOLUME      435805.357  3762104.589      201.090
LOCATION VOL8          VOLUME      435835.869  3762104.117      200.850
LOCATION VOL9          VOLUME      435867.641  3762104.116      200.470
LOCATION VOL10         VOLUME      435901.771  3762104.117      199.830
LOCATION VOL11         VOLUME      435933.543  3762104.116      198.590
LOCATION VOL12         VOLUME      435933.752  3762143.909      199.460
LOCATION VOL13         VOLUME      435901.981  3762143.910      200.690
LOCATION VOL14         VOLUME      435867.851  3762143.909      201.190
LOCATION VOL15         VOLUME      435836.079  3762143.910      201.390
LOCATION VOL16         VOLUME      435805.566  3762144.381      201.520
LOCATION VOL17         VOLUME      435773.795  3762144.382      201.520
LOCATION VOL18         VOLUME      435933.752  3762184.173      200.340
LOCATION VOL19         VOLUME      435901.981  3762184.174      201.570
LOCATION VOL20         VOLUME      435867.851  3762184.173      201.920
LOCATION VOL21         VOLUME      435836.079  3762184.174      201.940
LOCATION VOL22         VOLUME      435805.566  3762184.645      201.950
LOCATION VOL23         VOLUME      435773.795  3762184.646      201.950
LOCATION VOL24         VOLUME      435933.910  3762224.280      201.420
LOCATION VOL25         VOLUME      435902.138  3762224.281      202.490
LOCATION VOL26         VOLUME      435868.008  3762224.280      202.770
LOCATION VOL27         VOLUME      435836.236  3762224.281      202.770
LOCATION VOL28         VOLUME      435805.724  3762224.753      202.780
LOCATION VOL29         VOLUME      435773.952  3762224.753      202.770
LOCATION VOL30         VOLUME      435934.067  3762264.545      202.520
LOCATION VOL31         VOLUME      435902.295  3762264.546      203.410
LOCATION VOL32         VOLUME      435868.165  3762264.545      203.650
LOCATION VOL33         VOLUME      435836.394  3762264.546      203.640
LOCATION VOL34         VOLUME      435805.881  3762265.017      203.650
LOCATION VOL35         VOLUME      435774.109  3762265.018      203.640

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LOCATION	VOL36	VOLUME	435934.067	3762304.652	203.220
LOCATION	VOL37	VOLUME	435902.295	3762304.653	204.050
LOCATION	VOL38	VOLUME	435868.165	3762304.652	204.260
LOCATION	VOL39	VOLUME	435836.394	3762304.653	204.250
LOCATION	VOL40	VOLUME	435805.881	3762305.124	204.260
LOCATION	VOL41	VOLUME	435774.109	3762305.125	204.260
LOCATION	VOL42	VOLUME	435934.224	3762344.916	203.660
LOCATION	VOL43	VOLUME	435902.452	3762344.917	204.490
LOCATION	VOL44	VOLUME	435868.323	3762344.916	204.690
LOCATION	VOL45	VOLUME	435836.551	3762344.917	204.690
LOCATION	VOL46	VOLUME	435806.038	3762345.389	204.690
LOCATION	VOL47	VOLUME	435774.266	3762345.389	204.690
LOCATION	VOL48	VOLUME	435934.696	3762384.866	204.030
LOCATION	VOL49	VOLUME	435902.924	3762384.867	204.800
LOCATION	VOL50	VOLUME	435868.794	3762384.866	205.040
LOCATION	VOL51	VOLUME	435837.023	3762384.867	205.090
LOCATION	VOL52	VOLUME	435806.510	3762385.338	205.130
LOCATION	VOL53	VOLUME	435778.809	3762377.937	205.040
LOCATION	VOL54	VOLUME	435934.381	3762424.659	204.260
LOCATION	VOL55	VOLUME	435902.610	3762424.660	204.860
LOCATION	VOL56	VOLUME	435868.480	3762424.659	205.190
LOCATION	VOL57	VOLUME	435836.708	3762424.660	205.420
LOCATION	VOL58	VOLUME	435804.715	3762414.213	205.440
LOCATION	VOL60	VOLUME	435934.853	3762450.610	204.400
LOCATION	VOL61	VOLUME	435903.082	3762450.611	204.880
LOCATION	VOL62	VOLUME	435868.952	3762450.610	205.280
LOCATION	VOL63	VOLUME	435837.846	3762442.784	205.560
LOCATION	VOL64	VOLUME	435818.112	3762429.202	205.600
LOCATION	VOL65	VOLUME	435793.667	3762396.192	205.240

** Source Parameters **

SRCPARAM	VOL6	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL7	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL8	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL9	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL10	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL11	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL12	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL13	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL14	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL15	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL16	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL17	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL18	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL19	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL20	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL21	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL22	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL23	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL24	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL25	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL26	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL27	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL28	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL29	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL30	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL31	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL32	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL33	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL34	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL35	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL36	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL37	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL38	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL39	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL40	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL41	0.000061739	5.000	9.291	1.400

SRCPARAM	VOL42	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL43	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL44	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL45	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL46	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL47	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL48	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL49	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL50	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL51	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL52	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL53	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL54	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL55	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL56	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL57	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL58	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL60	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL61	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL62	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL63	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL64	0.000061739	5.000	9.291	1.400
SRCPARAM	VOL65	0.000061739	5.000	9.291	1.400
URBANSRC	ALL				
SRCGROUP	ALL				

SO FINISHED

**

** AERMOD Receptor Pathway

**
**

RE STARTING
INCLUDED "14835 Ops PM10.rou"
RE FINISHED

**

** AERMOD Meteorology Pathway

**
**

ME STARTING
SURFFILE KCNO_V9_ADJU\KCNO_v9.SFC
PROFFILE KCNO_V9_ADJU\KCNO_v9.PFL
SURFDATA 3179 2012
UAIRDATA 3190 2012
PROFBASE 198.0 METERS

ME FINISHED
**

** AERMOD Output Pathway

**
**

OU STARTING
RECTABLE ALLAVE 1ST
RECTABLE 24 1ST
** Auto-Generated Plotfiles
PLOTFILE 24 ALL 1ST "14835 OPS PM10.AD\24H1GALL.PLT" 31
SUMMFILE "14835 Ops PM10.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 180 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 180 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 19:16:33

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 59 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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 Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: PM_10

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 59 Source(s); 1 Source Group(s); and 99 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 59 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 198.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14835 Ops

PM10.err

**File for Summary of Results: 14835 Ops

PM10.sum

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

*** 19:16:33

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	AIRCRAFT					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY						
VOL6	0	0.61739E-04	435773.6	3762104.6	201.1	5.00	9.29	1.40
YES		NO						
VOL7	0	0.61739E-04	435805.4	3762104.6	201.1	5.00	9.29	1.40
YES		NO						
VOL8	0	0.61739E-04	435835.9	3762104.1	200.9	5.00	9.29	1.40
YES		NO						
VOL9	0	0.61739E-04	435867.6	3762104.1	200.5	5.00	9.29	1.40
YES		NO						
VOL10	0	0.61739E-04	435901.8	3762104.1	199.8	5.00	9.29	1.40
YES		NO						
VOL11	0	0.61739E-04	435933.5	3762104.1	198.6	5.00	9.29	1.40
YES		NO						
VOL12	0	0.61739E-04	435933.8	3762143.9	199.5	5.00	9.29	1.40
YES		NO						

VOL13	0	0.61739E-04	435902.0	3762143.9	200.7	5.00	9.29	1.40
YES		NO						
VOL14	0	0.61739E-04	435867.9	3762143.9	201.2	5.00	9.29	1.40
YES		NO						
VOL15	0	0.61739E-04	435836.1	3762143.9	201.4	5.00	9.29	1.40
YES		NO						
VOL16	0	0.61739E-04	435805.6	3762144.4	201.5	5.00	9.29	1.40
YES		NO						
VOL17	0	0.61739E-04	435773.8	3762144.4	201.5	5.00	9.29	1.40
YES		NO						
VOL18	0	0.61739E-04	435933.8	3762184.2	200.3	5.00	9.29	1.40
YES		NO						
VOL19	0	0.61739E-04	435902.0	3762184.2	201.6	5.00	9.29	1.40
YES		NO						
VOL20	0	0.61739E-04	435867.9	3762184.2	201.9	5.00	9.29	1.40
YES		NO						
VOL21	0	0.61739E-04	435836.1	3762184.2	201.9	5.00	9.29	1.40
YES		NO						
VOL22	0	0.61739E-04	435805.6	3762184.6	202.0	5.00	9.29	1.40
YES		NO						
VOL23	0	0.61739E-04	435773.8	3762184.6	202.0	5.00	9.29	1.40
YES		NO						
VOL24	0	0.61739E-04	435933.9	3762224.3	201.4	5.00	9.29	1.40
YES		NO						
VOL25	0	0.61739E-04	435902.1	3762224.3	202.5	5.00	9.29	1.40
YES		NO						
VOL26	0	0.61739E-04	435868.0	3762224.3	202.8	5.00	9.29	1.40
YES		NO						
VOL27	0	0.61739E-04	435836.2	3762224.3	202.8	5.00	9.29	1.40
YES		NO						
VOL28	0	0.61739E-04	435805.7	3762224.8	202.8	5.00	9.29	1.40
YES		NO						
VOL29	0	0.61739E-04	435774.0	3762224.8	202.8	5.00	9.29	1.40
YES		NO						
VOL30	0	0.61739E-04	435934.1	3762264.5	202.5	5.00	9.29	1.40
YES		NO						
VOL31	0	0.61739E-04	435902.3	3762264.5	203.4	5.00	9.29	1.40
YES		NO						
VOL32	0	0.61739E-04	435868.2	3762264.5	203.7	5.00	9.29	1.40
YES		NO						
VOL33	0	0.61739E-04	435836.4	3762264.5	203.6	5.00	9.29	1.40
YES		NO						
VOL34	0	0.61739E-04	435805.9	3762265.0	203.7	5.00	9.29	1.40
YES		NO						
VOL35	0	0.61739E-04	435774.1	3762265.0	203.6	5.00	9.29	1.40
YES		NO						
VOL36	0	0.61739E-04	435934.1	3762304.7	203.2	5.00	9.29	1.40
YES		NO						
VOL37	0	0.61739E-04	435902.3	3762304.7	204.1	5.00	9.29	1.40
YES		NO						
VOL38	0	0.61739E-04	435868.2	3762304.7	204.3	5.00	9.29	1.40
YES		NO						
VOL39	0	0.61739E-04	435836.4	3762304.7	204.2	5.00	9.29	1.40
YES		NO						
VOL40	0	0.61739E-04	435805.9	3762305.1	204.3	5.00	9.29	1.40
YES		NO						
VOL41	0	0.61739E-04	435774.1	3762305.1	204.3	5.00	9.29	1.40
YES		NO						
VOL42	0	0.61739E-04	435934.2	3762344.9	203.7	5.00	9.29	1.40
YES		NO						
VOL43	0	0.61739E-04	435902.5	3762344.9	204.5	5.00	9.29	1.40
YES		NO						
VOL44	0	0.61739E-04	435868.3	3762344.9	204.7	5.00	9.29	1.40
YES		NO						
VOL45	0	0.61739E-04	435836.6	3762344.9	204.7	5.00	9.29	1.40
YES		NO						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT				
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY							
	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
VOL46	0	0.61739E-04	435806.0	3762345.4	204.7	5.00	9.29	1.40
YES		NO						
VOL47	0	0.61739E-04	435774.3	3762345.4	204.7	5.00	9.29	1.40
YES		NO						
VOL48	0	0.61739E-04	435934.7	3762384.9	204.0	5.00	9.29	1.40
YES		NO						
VOL49	0	0.61739E-04	435902.9	3762384.9	204.8	5.00	9.29	1.40
YES		NO						
VOL50	0	0.61739E-04	435868.8	3762384.9	205.0	5.00	9.29	1.40
YES		NO						
VOL51	0	0.61739E-04	435837.0	3762384.9	205.1	5.00	9.29	1.40
YES		NO						
VOL52	0	0.61739E-04	435806.5	3762385.3	205.1	5.00	9.29	1.40
YES		NO						
VOL53	0	0.61739E-04	435778.8	3762377.9	205.0	5.00	9.29	1.40
YES		NO						
VOL54	0	0.61739E-04	435934.4	3762424.7	204.3	5.00	9.29	1.40
YES		NO						
VOL55	0	0.61739E-04	435902.6	3762424.7	204.9	5.00	9.29	1.40
YES		NO						
VOL56	0	0.61739E-04	435868.5	3762424.7	205.2	5.00	9.29	1.40
YES		NO						
VOL57	0	0.61739E-04	435836.7	3762424.7	205.4	5.00	9.29	1.40
YES		NO						
VOL58	0	0.61739E-04	435804.7	3762414.2	205.4	5.00	9.29	1.40
YES		NO						
VOL60	0	0.61739E-04	435934.9	3762450.6	204.4	5.00	9.29	1.40
YES		NO						
VOL61	0	0.61739E-04	435903.1	3762450.6	204.9	5.00	9.29	1.40
YES		NO						
VOL62	0	0.61739E-04	435869.0	3762450.6	205.3	5.00	9.29	1.40
YES		NO						
VOL63	0	0.61739E-04	435837.8	3762442.8	205.6	5.00	9.29	1.40
YES		NO						
VOL64	0	0.61739E-04	435818.1	3762429.2	205.6	5.00	9.29	1.40
YES		NO						
VOL65	0	0.61739E-04	435793.7	3762396.2	205.2	5.00	9.29	1.40
YES		NO						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	VOL11	,
VOL12	, VOL13	,										
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,
	VOL61	,	VOL62	,								
	VOL63	,	VOL64	,	VOL65	,						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

	2035210.	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	
	VOL11	, VOL12	,									
VOL13	,											
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,
	VOL61	,	VOL62	,								

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(435742.0, 3762152.2,	201.6,	201.6,	2.0);	(435724.1, 3762298.9,
204.2, 204.2,	2.0);			
(435747.3, 3762361.5,	204.9,	204.9,	2.0);	(435723.3, 3762502.5,
205.9, 205.9,	2.0);			
(435859.2, 3762496.3,	205.7,	205.7,	2.0);	(435967.0, 3762529.9,
206.1, 206.1,	2.0);			
(436013.8, 3762335.4,	202.6,	202.6,	2.0);	(435991.2, 3762044.9,
197.4, 197.4,	2.0);			
(435909.2, 3762031.6,	199.3,	199.3,	2.0);	(435769.4, 3762027.0,
200.2, 200.2,	2.0);			
(435725.6, 3762045.7,	200.4,	200.4,	2.0);	(435688.9, 3762895.7,
206.6, 206.6,	2.0);			
(436376.3, 3762576.8,	211.3,	211.3,	2.0);	(436377.4, 3762051.5,
201.8, 201.8,	2.0);			
(436105.0, 3762031.0,	198.8,	198.8,	2.0);	(437041.7, 3761960.2,
200.2, 200.2,	2.0);			
(437485.0, 3761801.1,	200.1,	200.1,	2.0);	(435575.7, 3762106.9,
201.2, 201.2,	2.0);			
(435629.2, 3761948.7,	198.6,	198.6,	2.0);	(435594.1, 3761601.1,
195.5, 195.5,	2.0);			
(435574.5, 3761483.1,	194.5,	194.5,	2.0);	(435576.8, 3761349.6,
192.1, 192.1,	2.0);			
(435533.1, 3761323.1,	193.0,	193.0,	2.0);	(435533.1, 3761467.0,
195.3, 195.3,	2.0);			
(435532.5, 3761590.1,	196.5,	196.5,	2.0);	(435521.6, 3761735.7,
197.9, 197.9,	2.0);			
(435455.4, 3762121.9,	203.9,	203.9,	2.0);	(435308.6, 3761998.2,
200.8, 200.8,	2.0);			
(435089.4, 3762109.2,	201.1,	201.1,	2.0);	(435008.2, 3762102.3,
200.5, 200.5,	2.0);			
(434982.9, 3762041.9,	200.1,	200.1,	2.0);	(434916.2, 3762045.3,
200.7, 200.7,	2.0);			
(434913.9, 3762096.6,	200.7,	200.7,	2.0);	(434808.0, 3762044.8,
201.4, 201.4,	2.0);			
(434644.5, 3762110.9,	201.1,	201.1,	2.0);	(434570.3, 3762032.1,
200.8, 200.8,	2.0);			
(434509.9, 3762100.0,	200.0,	200.0,	2.0);	(434450.6, 3762027.5,
199.4, 199.4,	2.0);			
(434373.5, 3762101.2,	199.2,	199.2,	2.0);	(434250.3, 3762028.1,
197.3, 197.3,	2.0);			
(434184.1, 3762102.3,	196.4,	196.4,	2.0);	(434103.6, 3762020.6,
197.8, 197.8,	2.0);			
(433979.3, 3762102.9,	196.1,	196.1,	2.0);	(433986.2, 3762035.6,
196.2, 196.2,	2.0);			
(433812.4, 3762100.0,	195.1,	195.1,	2.0);	(433884.3, 3762044.8,
196.0, 196.0,	2.0);			
(433817.0, 3762048.2,	195.7,	195.7,	2.0);	(433738.1, 3762068.4,
195.5, 195.5,	2.0);			
(433707.6, 3762141.4,	195.8,	195.8,	2.0);	(433650.7, 3762113.3,
197.1, 197.1,	2.0);			
(433607.5, 3762151.2,	197.7,	197.7,	2.0);	(433553.4, 3762214.5,
198.8, 198.8,	2.0);			
(433646.1, 3762194.4,	197.2,	197.2,	2.0);	(433540.8, 3762317.0,

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198.6,      198.6,      2.0);
( 433490.7, 3762288.2,      199.3,      199.3,      2.0);      ( 433461.3, 3762325.6,
199.6,      199.6,      2.0);
( 433505.6, 3762364.2,      199.0,      199.0,      2.0);      ( 433406.7, 3762363.0,
200.0,      200.0,      2.0);
( 433365.8, 3762459.7,      197.0,      197.0,      2.0);      ( 433280.6, 3762509.8,
196.9,      196.9,      2.0);
( 433052.7, 3762772.8,      207.1,      207.1,      2.0);      ( 433099.9, 3762716.4,
204.5,      204.5,      2.0);
( 435530.8, 3762264.6,      204.3,      204.3,      2.0);      ( 435575.1, 3762162.8,
201.3,      201.3,      2.0);
( 435579.1, 3762300.9,      204.3,      204.3,      2.0);      ( 435572.8, 3762402.1,
205.1,      205.1,      2.0);
( 435534.2, 3762377.4,      205.7,      205.7,      2.0);      ( 435510.1, 3762594.4,
205.8,      205.8,      2.0);
( 435590.6, 3762718.1,      210.1,      210.1,      2.0);      ( 435533.7, 3762701.4,
209.6,      209.6,      2.0);
( 435531.9, 3762761.2,      211.3,      211.3,      2.0);      ( 435533.1, 3762842.4,
209.0,      209.0,      2.0);
( 435530.2, 3762901.7,      208.9,      208.9,      2.0);      ( 435576.2, 3762894.8,
208.5,      208.5,      2.0);
( 436074.6, 3762112.1,      199.4,      199.4,      2.0);      ( 436197.8, 3762106.9,
202.0,      202.0,      2.0);
( 436282.4, 3762105.8,      203.1,      203.1,      2.0);      ( 436632.3, 3762115.6,
201.1,      201.1,      2.0);
( 436320.9, 3762136.3,      203.5,      203.5,      2.0);      ( 436318.6, 3762239.3,
205.8,      205.8,      2.0);
( 436315.2, 3762364.2,      207.9,      207.9,      2.0);      ( 436400.9, 3762308.3,
206.8,      206.8,      2.0);
( 436384.2, 3762390.1,      207.0,      207.0,      2.0);      ( 436316.9, 3762460.3,
204.6,      204.6,      2.0);
( 436300.2, 3762696.2,      206.3,      206.3,      2.0);      ( 436315.7, 3762804.4,
208.8,      208.8,      2.0);
( 436373.3, 3762854.5,      211.6,      211.6,      2.0);      ( 436382.5, 3762714.6,
205.6,      205.6,      2.0);
( 436383.6, 3762547.2,      212.0,      212.0,      2.0);      ( 436377.9, 3762595.5,
210.0,      210.0,      2.0);

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 436384.2, 3762473.5,      205.7,      205.7,      2.0);      ( 436845.2, 3762097.7,
200.6,      200.6,      2.0);
( 436981.0, 3762093.7,      202.1,      202.1,      2.0);      ( 437132.9, 3762087.4,
204.0,      204.0,      2.0);
( 437612.9, 3761991.8,      202.3,      202.3,      2.0);      ( 438134.9, 3762039.0,
204.9,      204.9,      2.0);
( 438656.8, 3762038.4,      204.2,      204.2,      2.0);      ( 438837.0, 3762037.9,
205.4,      205.4,      2.0);
( 438830.0, 3762098.9,      206.6,      206.6,
2.0);

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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[illegible]

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

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*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface station no.:	3179	Upper air station no.:	3190
Name:	UNKNOWN	Name:	
	UNKNOWN		
Year:	2012	Year:	2012

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD				HT	REF	TA											
12	01	01	1	01	-2.3	0.067	-9.000	-9.000	-999.	41.	11.2	0.09	0.74	1.00	0.73		
313.			7.9	279.2	2.0												
12	01	01	1	02	-2.7	0.070	-9.000	-9.000	-999.	44.	11.3	0.09	0.74	1.00	0.80		
342.			7.9	280.9	2.0												
12	01	01	1	03	-5.6	0.098	-9.000	-9.000	-999.	73.	14.7	0.09	0.74	1.00	1.20		

9.	7.9	281.4	2.0											
12 01 01	1 04	-3.5	0.078	-9.000	-9.000	-999.	52.	11.9	0.09	0.74	1.00	0.94		
21.	7.9	282.0	2.0											
12 01 01	1 05	-8.4	0.119	-9.000	-9.000	-999.	99.	18.1	0.09	0.74	1.00	1.45		
353.	7.9	279.9	2.0											
12 01 01	1 06	-7.6	0.113	-9.000	-9.000	-999.	91.	17.0	0.09	0.74	1.00	1.38		
325.	7.9	277.5	2.0											
12 01 01	1 07	-8.0	0.117	-9.000	-9.000	-999.	96.	17.7	0.09	0.74	1.00	1.42		
313.	7.9	281.4	2.0											
12 01 01	1 08	-5.2	0.101	-9.000	-9.000	-999.	77.	17.5	0.09	0.74	0.53	1.23		
19.	7.9	280.9	2.0											
12 01 01	1 09	23.2	0.117	0.267	0.012	29.	97.	-6.2	0.09	0.74	0.31	0.96		
318.	7.9	287.5	2.0											
12 01 01	1 10	65.2	0.101	0.531	0.014	82.	77.	-1.4	0.09	0.74	0.24	0.63		
244.	7.9	291.4	2.0											
12 01 01	1 11	95.5	0.162	0.778	0.008	176.	156.	-4.0	0.09	0.74	0.21	1.23		
91.	7.9	296.4	2.0											
12 01 01	1 12	110.8	0.197	1.018	0.005	338.	209.	-6.1	0.09	0.74	0.20	1.60		
90.	7.9	299.9	2.0											
12 01 01	1 13	110.5	0.229	1.184	0.005	534.	262.	-9.6	0.09	0.74	0.20	1.98		
92.	7.9	302.0	2.0											
12 01 01	1 14	94.6	0.185	1.215	0.005	674.	191.	-5.9	0.09	0.74	0.21	1.50		
73.	7.9	303.1	2.0											
12 01 01	1 15	68.6	0.187	1.184	0.005	858.	194.	-8.4	0.09	0.74	0.25	1.59		
64.	7.9	303.1	2.0											
12 01 01	1 16	24.9	0.255	0.862	0.005	911.	308.	-58.8	0.09	0.74	0.34	2.61		
92.	7.9	300.4	2.0											
12 01 01	1 17	-13.7	0.168	-9.000	-9.000	-999.	168.	31.1	0.09	0.74	0.62	1.98		
107.	7.9	295.4	2.0											
12 01 01	1 18	-26.7	0.279	-9.000	-9.000	-999.	354.	85.6	0.09	0.74	1.00	3.22		
134.	7.9	291.4	2.0											
12 01 01	1 19	-8.0	0.118	-9.000	-9.000	-999.	120.	18.2	0.09	0.74	1.00	1.43		
37.	7.9	290.4	2.0											
12 01 01	1 20	-7.7	0.115	-9.000	-9.000	-999.	94.	17.6	0.09	0.74	1.00	1.40		
49.	7.9	287.0	2.0											
12 01 01	1 21	-9.7	0.130	-9.000	-9.000	-999.	113.	20.2	0.09	0.74	1.00	1.57		
26.	7.9	288.8	2.0											
12 01 01	1 22	-4.8	0.090	-9.000	-9.000	-999.	65.	13.6	0.09	0.74	1.00	1.11		
56.	7.9	284.9	2.0											
12 01 01	1 23	-11.5	0.141	-9.000	-9.000	-999.	127.	21.9	0.09	0.74	1.00	1.69		
36.	7.9	282.0	2.0											
12 01 01	1 24	-16.9	0.172	-9.000	-9.000	-999.	171.	32.4	0.09	0.74	1.00	2.03		
33.	7.9	279.9	2.0											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	313.	0.73	279.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

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*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,

VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN
MICROGRAMS/M**3 **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
435742.02	3762152.20	0.27893	(12020624)	435724.12	
3762298.86	0.24931	(12020624)			
435747.26	3762361.49	0.31925	(12020624)	435723.30	
3762502.55	0.11121m	(15011124)			
435859.19	3762496.30	0.20316c	(12120424)	435966.95	
3762529.88	0.12661m	(16031424)			
436013.81	3762335.43	0.18772	(13020624)	435991.16	
3762044.92	0.12527	(14110424)			
435909.17	3762031.65	0.16668c	(14012124)	435769.38	
3762026.96	0.14391	(14120224)			
435725.65	3762045.70	0.14074	(14120224)	435688.89	
3762895.70	0.02031	(12120624)			
436376.34	3762576.84	0.05183	(12120224)	436377.42	
3762051.52	0.03073b	(14072524)			
436105.04	3762030.98	0.06529	(14110424)	437041.68	
3761960.23	0.01094	(13050124)			
437484.97	3761801.09	0.00617	(13050124)	435575.67	
3762106.93	0.08233	(16122724)			
435629.19	3761948.67	0.06043	(15031324)	435594.08	
3761601.07	0.02148m	(13010324)			
435574.52	3761483.10	0.01735m	(13010324)	435576.82	
3761349.59	0.01431m	(13010324)			
435533.08	3761323.11	0.01322m	(13010324)	435533.08	
3761466.98	0.01582m	(13010324)			
435532.51	3761590.14	0.01951	(15011524)	435521.57	
3761735.74	0.02680	(15011524)			
435455.39	3762121.89	0.05188	(16122724)	435308.64	
3761998.16	0.03196	(16122724)			
435089.38	3762109.23	0.01801	(12020624)	435008.24	
3762102.32	0.01533	(12020624)			
434982.92	3762041.90	0.01417	(12020624)	434916.16	
3762045.35	0.01270	(12020624)			
434913.86	3762096.57	0.01296	(12020624)	434807.97	
3762044.77	0.01075	(12020624)			
434644.53	3762110.95	0.00873	(12020624)	434570.29	
3762032.11	0.00780	(12020624)			
434509.87	3762100.02	0.00737	(12020624)	434450.59	
3762027.51	0.00678	(12020624)			
434373.48	3762101.17	0.00631	(12020624)	434250.32	
3762028.08	0.00549	(12020624)			
434184.14	3762102.32	0.00519	(12020624)	434103.58	
3762020.60	0.00478	(12020624)			
433979.27	3762102.90	0.00431	(12020624)	433986.18	
3762035.57	0.00432	(12020624)			
433812.38	3762100.02	0.00375	(12020624)	433884.32	
3762044.77	0.00397	(12020624)			
433816.98	3762048.23	0.00377	(12020624)	433738.14	
3762068.37	0.00354	(12020624)			
433707.64	3762141.45	0.00345	(12020624)	433650.67	
3762113.26	0.00332	(12020624)			
433607.51	3762151.24	0.00320	(12020624)	433553.41	
3762214.54	0.00305	(12020624)			
433646.06	3762194.40	0.00327	(12020624)	433540.75	
3762316.98	0.00292	(12020624)			

433490.68	3762288.20	0.00286	(12020624)	433461.33
3762325.61	0.00276	(12020624)		
433505.65	3762364.17	0.00280	(12020624)	433406.66
3762363.02	0.00263	(12020624)		
433365.80	3762459.70	0.00269	(12122024)	433280.63
3762509.77	0.00264	(12122024)		
433052.74	3762772.76	0.00335	(12122024)	433099.93
3762716.37	0.00291	(12122024)		
435530.78	3762264.61	0.07667	(12122024)	435575.09
3762162.75	0.08707	(16122724)		
435579.12	3762300.86	0.09521	(12122024)	435572.79
3762402.15	0.08325	(12122024)		
435534.23	3762377.40	0.07467	(12122024)	435510.06
3762594.36	0.04166	(12020424)		
435590.63	3762718.09	0.04385m	(15011124)	435533.66
3762701.40	0.03841m	(15011124)		
435531.93	3762761.25	0.03647m	(15011124)	435533.08
3762842.40	0.03049m	(15011124)		
435530.21	3762901.67	0.02631m	(15011124)	435576.24
3762894.77	0.02546m	(15011124)		
436074.62	3762112.10	0.09578c	(13112024)	436197.77
3762106.93	0.05512	(13050124)		
436282.37	3762105.77	0.04484	(13050124)	436632.26
3762115.56	0.02301	(13050124)		
436320.92	3762136.28	0.04472	(13050124)	436318.62
3762239.29	0.05085b	(13091024)		

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
436315.17	3762364.17	0.06049	(12080324)	436400.92	
3762308.35	0.04585	(12080324)			
436384.23	3762390.06	0.04478	(12080324)	436316.89	
3762460.27	0.04977	(12120224)			
436300.21	3762696.22	0.03613	(12120224)	436315.74	
3762804.41	0.03804	(13102424)			
436373.29	3762854.48	0.03506	(13102424)	436382.50	
3762714.64	0.03140	(12120224)			
436383.65	3762547.17	0.05185	(12120224)	436377.90	
3762595.51	0.05028	(12120224)			
436384.23	3762473.51	0.04219	(12120224)	436845.19	
3762097.72	0.01642	(13050124)			

436981.01	3762093.69	0.01380	(13050124)	437132.93
3762087.36	0.01184	(13050124)		
437612.89	3761991.83	0.00693	(13050124)	438134.86
3762039.02	0.00516	(13050124)		
438656.82	3762038.44	0.00366	(13050124)	438836.95
3762037.87	0.00351b	(14070124)		
438830.04	3762098.87	0.00368b		
(14070124)				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM₁₀ IN
MICROGRAMS/M³ **

GROUP ID	DATE	AVERAGE CONC	RECEPTOR	NETWORK
ZELEV, ZHILL, ZFLAG)	(YYMMDDHH)	GRID-ID	(XR, YR,	
OF TYPE				
-----	-----	-----	-----	-----
-----	-----	-----	-----	-----

ALL HIGH 1ST HIGH VALUE IS 0.31925 ON 12020624: AT (435747.26, 3762361.49,
204.86, 204.86, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1279 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 917 Calm Hours Identified

A Total of 362 Missing Hours Identified (0.83 Percent)

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

***** WARNING MESSAGES *****

ME W186	180	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	180	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** AERMOD Finishes Successfully ***

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**
*****
**
** AERMOD Input Produced by:
** AERMOD View Ver. 12.0.0
** Lakes Environmental Software Inc.
** Date: 5/28/2024
** File: C:\Users\atamase\Desktop\HRAs\14835\14835 Ops PM25\14835 Ops PM25.ADI
**
*****
**
**
*****
** AERMOD Control Pathway
*****
**
**
CO STARTING
  TITLEONE C:\Users\atamase\Desktop\HRAs\14835\14835 Const CO\14835 Const CO.is
  MODELOPT DFAULT CONC
  AVERTIME 24
  URBANOPT 2035210 San_Bernardino_County
  POLLUTID PM_2.5
  FLAGPOLE 2.00
  RUNORNOT RUN
  ERRORFIL "14835 Ops PM25.err"
CO FINISHED
**
*****
** AERMOD Source Pathway
*****
**
**
SO STARTING
** Source Location **
** Source ID - Type - X Coord. - Y Coord. **
LOCATION VOL6          VOLUME      435773.585  3762104.589    201.080
LOCATION VOL7          VOLUME      435805.357  3762104.589    201.090
LOCATION VOL8          VOLUME      435835.869  3762104.117    200.850
LOCATION VOL9          VOLUME      435867.641  3762104.116    200.470
LOCATION VOL10         VOLUME      435901.771  3762104.117    199.830
LOCATION VOL11         VOLUME      435933.543  3762104.116    198.590
LOCATION VOL12         VOLUME      435933.752  3762143.909    199.460
LOCATION VOL13         VOLUME      435901.981  3762143.910    200.690
LOCATION VOL14         VOLUME      435867.851  3762143.909    201.190
LOCATION VOL15         VOLUME      435836.079  3762143.910    201.390
LOCATION VOL16         VOLUME      435805.566  3762144.381    201.520
LOCATION VOL17         VOLUME      435773.795  3762144.382    201.520
LOCATION VOL18         VOLUME      435933.752  3762184.173    200.340
LOCATION VOL19         VOLUME      435901.981  3762184.174    201.570
LOCATION VOL20         VOLUME      435867.851  3762184.173    201.920
LOCATION VOL21         VOLUME      435836.079  3762184.174    201.940
LOCATION VOL22         VOLUME      435805.566  3762184.645    201.950
LOCATION VOL23         VOLUME      435773.795  3762184.646    201.950
LOCATION VOL24         VOLUME      435933.910  3762224.280    201.420
LOCATION VOL25         VOLUME      435902.138  3762224.281    202.490
LOCATION VOL26         VOLUME      435868.008  3762224.280    202.770
LOCATION VOL27         VOLUME      435836.236  3762224.281    202.770
LOCATION VOL28         VOLUME      435805.724  3762224.753    202.780
LOCATION VOL29         VOLUME      435773.952  3762224.753    202.770
LOCATION VOL30         VOLUME      435934.067  3762264.545    202.520
LOCATION VOL31         VOLUME      435902.295  3762264.546    203.410
LOCATION VOL32         VOLUME      435868.165  3762264.545    203.650
LOCATION VOL33         VOLUME      435836.394  3762264.546    203.640
LOCATION VOL34         VOLUME      435805.881  3762265.017    203.650
LOCATION VOL35         VOLUME      435774.109  3762265.018    203.640

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LOCATION VOL36	VOLUME	435934.067	3762304.652	203.220
LOCATION VOL37	VOLUME	435902.295	3762304.653	204.050
LOCATION VOL38	VOLUME	435868.165	3762304.652	204.260
LOCATION VOL39	VOLUME	435836.394	3762304.653	204.250
LOCATION VOL40	VOLUME	435805.881	3762305.124	204.260
LOCATION VOL41	VOLUME	435774.109	3762305.125	204.260
LOCATION VOL42	VOLUME	435934.224	3762344.916	203.660
LOCATION VOL43	VOLUME	435902.452	3762344.917	204.490
LOCATION VOL44	VOLUME	435868.323	3762344.916	204.690
LOCATION VOL45	VOLUME	435836.551	3762344.917	204.690
LOCATION VOL46	VOLUME	435806.038	3762345.389	204.690
LOCATION VOL47	VOLUME	435774.266	3762345.389	204.690
LOCATION VOL48	VOLUME	435934.696	3762384.866	204.030
LOCATION VOL49	VOLUME	435902.924	3762384.867	204.800
LOCATION VOL50	VOLUME	435868.794	3762384.866	205.040
LOCATION VOL51	VOLUME	435837.023	3762384.867	205.090
LOCATION VOL52	VOLUME	435806.510	3762385.338	205.130
LOCATION VOL53	VOLUME	435778.809	3762377.937	205.040
LOCATION VOL54	VOLUME	435934.381	3762424.659	204.260
LOCATION VOL55	VOLUME	435902.610	3762424.660	204.860
LOCATION VOL56	VOLUME	435868.480	3762424.659	205.190
LOCATION VOL57	VOLUME	435836.708	3762424.660	205.420
LOCATION VOL58	VOLUME	435804.715	3762414.213	205.440
LOCATION VOL60	VOLUME	435934.853	3762450.610	204.400
LOCATION VOL61	VOLUME	435903.082	3762450.611	204.880
LOCATION VOL62	VOLUME	435868.952	3762450.610	205.280
LOCATION VOL63	VOLUME	435837.846	3762442.784	205.560
LOCATION VOL64	VOLUME	435818.112	3762429.202	205.600
LOCATION VOL65	VOLUME	435793.667	3762396.192	205.240

** Source Parameters **

SRCPARAM VOL6	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL7	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL8	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL9	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL10	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL11	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL12	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL13	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL14	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL15	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL16	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL17	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL18	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL19	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL20	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL21	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL22	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL23	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL24	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL25	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL26	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL27	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL28	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL29	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL30	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL31	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL32	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL33	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL34	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL35	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL36	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL37	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL38	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL39	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL40	0.0000403193	5.000	9.291	1.400
SRCPARAM VOL41	0.0000403193	5.000	9.291	1.400

SRCPARAM	VOL42	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL43	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL44	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL45	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL46	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL47	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL48	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL49	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL50	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL51	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL52	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL53	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL54	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL55	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL56	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL57	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL58	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL60	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL61	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL62	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL63	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL64	0.0000403193	5.000	9.291	1.400
SRCPARAM	VOL65	0.0000403193	5.000	9.291	1.400
URBANSRC	ALL				
SRCGROUP	ALL				

SO FINISHED

**

 ** AERMOD Receptor Pathway

 **
 **

RE STARTING
 INCLUDED "14835 Ops PM25.rou"
 RE FINISHED

**

 ** AERMOD Meteorology Pathway

 **
 **

ME STARTING
 SURFFILE KCNO_V9_ADJU\KCNO_v9.SFC
 PROFFILE KCNO_V9_ADJU\KCNO_v9.PFL
 SURFDATA 3179 2012
 UAIRDATA 3190 2012
 PROFBASE 198.0 METERS

ME FINISHED
 **

 ** AERMOD Output Pathway

 **
 **

OU STARTING
 RECTABLE ALLAVE 1ST
 RECTABLE 24 1ST
 ** Auto-Generated Plotfiles
 PLOTFILE 24 ALL 1ST "14835 OPS PM25.AD\24H1GALL.PLT" 31
 SUMMFILE "14835 Ops PM25.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 180 MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used 0.50
ME W187 180 MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET

*** SETUP Finishes Successfully ***

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

*** AERMET - VERSION 16216 ***

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*** MODELOPTs: RegDEFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** MODEL SETUP OPTIONS SUMMARY ***

** Model Options Selected:

- * Model Uses Regulatory DEFAULT Options
- * Model Is Setup For Calculation of Average CONCentration Values.
- * NO GAS DEPOSITION Data Provided.
- * NO PARTICLE DEPOSITION Data Provided.
- * Model Uses NO DRY DEPLETION. DDPLETE = F
- * Model Uses NO WET DEPLETION. WETDPLT = F
- * Stack-tip Downwash.
- * Model Accounts for ELEVated Terrain Effects.
- * Use Calms Processing Routine.
- * Use Missing Data Processing Routine.
- * No Exponential Decay.
- * Model Uses URBAN Dispersion Algorithm for the SBL for 59 Source(s),
for Total of 1 Urban Area(s):
Urban Population = 2035210.0 ; Urban Roughness Length = 1.000 m
- * Urban Roughness Length of 1.0 Meter Used.
- * 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 Accepts FLAGPOLE Receptor . Heights.
- * The User Specified a Pollutant Type of: PM_2.5

**Model Calculates 1 Short Term Average(s) of: 24-HR

**This Run Includes: 59 Source(s); 1 Source Group(s); and 99 Receptor(s)

with: 0 POINT(s), including
0 POINTCAP(s) and 0 POINTHOR(s)
and: 59 VOLUME source(s)
and: 0 AREA type source(s)
and: 0 LINE source(s)
and: 0 RLINE/RLINEXT source(s)
and: 0 OPENPIT source(s)
and: 0 BUOYANT LINE source(s) with a total of 0 line(s)
and: 0 SWPOINT source(s)

**Model Set To Continue RUNning After the Setup Testing.

**The AERMET Input Meteorological Data Version Date: 16216

**Output Options Selected:

Model Outputs Tables of 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) = 198.00 ; 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 = 3.5 MB of RAM.

**Input Runstream File:

aermod.inp

**Output Print File:

aermod.out

**Detailed Error/Message File: 14835 Ops

PM25.err

**File for Summary of Results: 14835 Ops

PM25.sum

*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION RATE			BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION RATE	AIRCRAFT					
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY		(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
	CATS.	BY						
VOL6	0	0.40319E-04	435773.6	3762104.6	201.1	5.00	9.29	1.40
YES		NO						
VOL7	0	0.40319E-04	435805.4	3762104.6	201.1	5.00	9.29	1.40
YES		NO						
VOL8	0	0.40319E-04	435835.9	3762104.1	200.9	5.00	9.29	1.40
YES		NO						
VOL9	0	0.40319E-04	435867.6	3762104.1	200.5	5.00	9.29	1.40
YES		NO						
VOL10	0	0.40319E-04	435901.8	3762104.1	199.8	5.00	9.29	1.40
YES		NO						
VOL11	0	0.40319E-04	435933.5	3762104.1	198.6	5.00	9.29	1.40
YES		NO						
VOL12	0	0.40319E-04	435933.8	3762143.9	199.5	5.00	9.29	1.40
YES		NO						

VOL13	0	0.40319E-04	435902.0	3762143.9	200.7	5.00	9.29	1.40
YES		NO						
VOL14	0	0.40319E-04	435867.9	3762143.9	201.2	5.00	9.29	1.40
YES		NO						
VOL15	0	0.40319E-04	435836.1	3762143.9	201.4	5.00	9.29	1.40
YES		NO						
VOL16	0	0.40319E-04	435805.6	3762144.4	201.5	5.00	9.29	1.40
YES		NO						
VOL17	0	0.40319E-04	435773.8	3762144.4	201.5	5.00	9.29	1.40
YES		NO						
VOL18	0	0.40319E-04	435933.8	3762184.2	200.3	5.00	9.29	1.40
YES		NO						
VOL19	0	0.40319E-04	435902.0	3762184.2	201.6	5.00	9.29	1.40
YES		NO						
VOL20	0	0.40319E-04	435867.9	3762184.2	201.9	5.00	9.29	1.40
YES		NO						
VOL21	0	0.40319E-04	435836.1	3762184.2	201.9	5.00	9.29	1.40
YES		NO						
VOL22	0	0.40319E-04	435805.6	3762184.6	202.0	5.00	9.29	1.40
YES		NO						
VOL23	0	0.40319E-04	435773.8	3762184.6	202.0	5.00	9.29	1.40
YES		NO						
VOL24	0	0.40319E-04	435933.9	3762224.3	201.4	5.00	9.29	1.40
YES		NO						
VOL25	0	0.40319E-04	435902.1	3762224.3	202.5	5.00	9.29	1.40
YES		NO						
VOL26	0	0.40319E-04	435868.0	3762224.3	202.8	5.00	9.29	1.40
YES		NO						
VOL27	0	0.40319E-04	435836.2	3762224.3	202.8	5.00	9.29	1.40
YES		NO						
VOL28	0	0.40319E-04	435805.7	3762224.8	202.8	5.00	9.29	1.40
YES		NO						
VOL29	0	0.40319E-04	435774.0	3762224.8	202.8	5.00	9.29	1.40
YES		NO						
VOL30	0	0.40319E-04	435934.1	3762264.5	202.5	5.00	9.29	1.40
YES		NO						
VOL31	0	0.40319E-04	435902.3	3762264.5	203.4	5.00	9.29	1.40
YES		NO						
VOL32	0	0.40319E-04	435868.2	3762264.5	203.7	5.00	9.29	1.40
YES		NO						
VOL33	0	0.40319E-04	435836.4	3762264.5	203.6	5.00	9.29	1.40
YES		NO						
VOL34	0	0.40319E-04	435805.9	3762265.0	203.7	5.00	9.29	1.40
YES		NO						
VOL35	0	0.40319E-04	435774.1	3762265.0	203.6	5.00	9.29	1.40
YES		NO						
VOL36	0	0.40319E-04	435934.1	3762304.7	203.2	5.00	9.29	1.40
YES		NO						
VOL37	0	0.40319E-04	435902.3	3762304.7	204.1	5.00	9.29	1.40
YES		NO						
VOL38	0	0.40319E-04	435868.2	3762304.7	204.3	5.00	9.29	1.40
YES		NO						
VOL39	0	0.40319E-04	435836.4	3762304.7	204.2	5.00	9.29	1.40
YES		NO						
VOL40	0	0.40319E-04	435805.9	3762305.1	204.3	5.00	9.29	1.40
YES		NO						
VOL41	0	0.40319E-04	435774.1	3762305.1	204.3	5.00	9.29	1.40
YES		NO						
VOL42	0	0.40319E-04	435934.2	3762344.9	203.7	5.00	9.29	1.40
YES		NO						
VOL43	0	0.40319E-04	435902.5	3762344.9	204.5	5.00	9.29	1.40
YES		NO						
VOL44	0	0.40319E-04	435868.3	3762344.9	204.7	5.00	9.29	1.40
YES		NO						
VOL45	0	0.40319E-04	435836.6	3762344.9	204.7	5.00	9.29	1.40
YES		NO						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** VOLUME SOURCE DATA ***

SOURCE	NUMBER	EMISSION	RATE		BASE	RELEASE	INIT.	INIT.
SOURCE	URBAN	EMISSION	RATE	AIRCRAFT				
ID	PART.	(GRAMS/SEC)	X	Y	ELEV.	HEIGHT	SY	SZ
(METERS)	SCALAR VARY							
	CATS.	BY	(METERS)	(METERS)	(METERS)	(METERS)	(METERS)	
VOL46	0	0.40319E-04	435806.0	3762345.4	204.7	5.00	9.29	1.40
YES		NO						
VOL47	0	0.40319E-04	435774.3	3762345.4	204.7	5.00	9.29	1.40
YES		NO						
VOL48	0	0.40319E-04	435934.7	3762384.9	204.0	5.00	9.29	1.40
YES		NO						
VOL49	0	0.40319E-04	435902.9	3762384.9	204.8	5.00	9.29	1.40
YES		NO						
VOL50	0	0.40319E-04	435868.8	3762384.9	205.0	5.00	9.29	1.40
YES		NO						
VOL51	0	0.40319E-04	435837.0	3762384.9	205.1	5.00	9.29	1.40
YES		NO						
VOL52	0	0.40319E-04	435806.5	3762385.3	205.1	5.00	9.29	1.40
YES		NO						
VOL53	0	0.40319E-04	435778.8	3762377.9	205.0	5.00	9.29	1.40
YES		NO						
VOL54	0	0.40319E-04	435934.4	3762424.7	204.3	5.00	9.29	1.40
YES		NO						
VOL55	0	0.40319E-04	435902.6	3762424.7	204.9	5.00	9.29	1.40
YES		NO						
VOL56	0	0.40319E-04	435868.5	3762424.7	205.2	5.00	9.29	1.40
YES		NO						
VOL57	0	0.40319E-04	435836.7	3762424.7	205.4	5.00	9.29	1.40
YES		NO						
VOL58	0	0.40319E-04	435804.7	3762414.2	205.4	5.00	9.29	1.40
YES		NO						
VOL60	0	0.40319E-04	435934.9	3762450.6	204.4	5.00	9.29	1.40
YES		NO						
VOL61	0	0.40319E-04	435903.1	3762450.6	204.9	5.00	9.29	1.40
YES		NO						
VOL62	0	0.40319E-04	435869.0	3762450.6	205.3	5.00	9.29	1.40
YES		NO						
VOL63	0	0.40319E-04	435837.8	3762442.8	205.6	5.00	9.29	1.40
YES		NO						
VOL64	0	0.40319E-04	435818.1	3762429.2	205.6	5.00	9.29	1.40
YES		NO						
VOL65	0	0.40319E-04	435793.7	3762396.2	205.2	5.00	9.29	1.40
YES		NO						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** SOURCE IDs DEFINING SOURCE GROUPS ***

SRCGROUP ID

SOURCE IDs

ALL	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	VOL11	,
VOL12	, VOL13	,										
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,
	VOL61	,	VOL62	,								
	VOL63	,	VOL64	,	VOL65	,						

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

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

URBAN ID

URBAN POP

SOURCE IDs

	2035210.	VOL6	,	VOL7	,	VOL8	,	VOL9	,	VOL10	,	
	VOL11	, VOL12	,									
VOL13	,											
	VOL14	,	VOL15	,	VOL16	,	VOL17	,	VOL18	,	VOL19	,
	VOL20	,	VOL21	,								
	VOL22	,	VOL23	,	VOL24	,	VOL25	,	VOL26	,	VOL27	,
	VOL28	,	VOL29	,								
	VOL30	,	VOL31	,	VOL32	,	VOL33	,	VOL34	,	VOL35	,
	VOL36	,	VOL37	,								
	VOL38	,	VOL39	,	VOL40	,	VOL41	,	VOL42	,	VOL43	,
	VOL44	,	VOL45	,								
	VOL46	,	VOL47	,	VOL48	,	VOL49	,	VOL50	,	VOL51	,
	VOL52	,	VOL53	,								
	VOL54	,	VOL55	,	VOL56	,	VOL57	,	VOL58	,	VOL60	,
	VOL61	,	VOL62	,								

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

(435742.0, 3762152.2, 201.6,	201.6,	2.0);	(435724.1, 3762298.9,
204.2, 204.2, 2.0);			
(435747.3, 3762361.5, 204.9,	204.9,	2.0);	(435723.3, 3762502.5,
205.9, 205.9, 2.0);			
(435859.2, 3762496.3, 205.7,	205.7,	2.0);	(435967.0, 3762529.9,
206.1, 206.1, 2.0);			
(436013.8, 3762335.4, 202.6,	202.6,	2.0);	(435991.2, 3762044.9,
197.4, 197.4, 2.0);			
(435909.2, 3762031.6, 199.3,	199.3,	2.0);	(435769.4, 3762027.0,
200.2, 200.2, 2.0);			
(435725.6, 3762045.7, 200.4,	200.4,	2.0);	(435688.9, 3762895.7,
206.6, 206.6, 2.0);			
(436376.3, 3762576.8, 211.3,	211.3,	2.0);	(436377.4, 3762051.5,
201.8, 201.8, 2.0);			
(436105.0, 3762031.0, 198.8,	198.8,	2.0);	(437041.7, 3761960.2,
200.2, 200.2, 2.0);			
(437485.0, 3761801.1, 200.1,	200.1,	2.0);	(435575.7, 3762106.9,
201.2, 201.2, 2.0);			
(435629.2, 3761948.7, 198.6,	198.6,	2.0);	(435594.1, 3761601.1,
195.5, 195.5, 2.0);			
(435574.5, 3761483.1, 194.5,	194.5,	2.0);	(435576.8, 3761349.6,
192.1, 192.1, 2.0);			
(435533.1, 3761323.1, 193.0,	193.0,	2.0);	(435533.1, 3761467.0,
195.3, 195.3, 2.0);			
(435532.5, 3761590.1, 196.5,	196.5,	2.0);	(435521.6, 3761735.7,
197.9, 197.9, 2.0);			
(435455.4, 3762121.9, 203.9,	203.9,	2.0);	(435308.6, 3761998.2,
200.8, 200.8, 2.0);			
(435089.4, 3762109.2, 201.1,	201.1,	2.0);	(435008.2, 3762102.3,
200.5, 200.5, 2.0);			
(434982.9, 3762041.9, 200.1,	200.1,	2.0);	(434916.2, 3762045.3,
200.7, 200.7, 2.0);			
(434913.9, 3762096.6, 200.7,	200.7,	2.0);	(434808.0, 3762044.8,
201.4, 201.4, 2.0);			
(434644.5, 3762110.9, 201.1,	201.1,	2.0);	(434570.3, 3762032.1,
200.8, 200.8, 2.0);			
(434509.9, 3762100.0, 200.0,	200.0,	2.0);	(434450.6, 3762027.5,
199.4, 199.4, 2.0);			
(434373.5, 3762101.2, 199.2,	199.2,	2.0);	(434250.3, 3762028.1,
197.3, 197.3, 2.0);			
(434184.1, 3762102.3, 196.4,	196.4,	2.0);	(434103.6, 3762020.6,
197.8, 197.8, 2.0);			
(433979.3, 3762102.9, 196.1,	196.1,	2.0);	(433986.2, 3762035.6,
196.2, 196.2, 2.0);			
(433812.4, 3762100.0, 195.1,	195.1,	2.0);	(433884.3, 3762044.8,
196.0, 196.0, 2.0);			
(433817.0, 3762048.2, 195.7,	195.7,	2.0);	(433738.1, 3762068.4,
195.5, 195.5, 2.0);			
(433707.6, 3762141.4, 195.8,	195.8,	2.0);	(433650.7, 3762113.3,
197.1, 197.1, 2.0);			
(433607.5, 3762151.2, 197.7,	197.7,	2.0);	(433553.4, 3762214.5,
198.8, 198.8, 2.0);			
(433646.1, 3762194.4, 197.2,	197.2,	2.0);	(433540.8, 3762317.0,

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198.6,      198.6,      2.0);
( 433490.7, 3762288.2,      199.3,      199.3,      2.0);
199.6,      199.6,      2.0);
( 433505.6, 3762364.2,      199.0,      199.0,      2.0);
200.0,      200.0,      2.0);
( 433365.8, 3762459.7,      197.0,      197.0,      2.0);
196.9,      196.9,      2.0);
( 433052.7, 3762772.8,      207.1,      207.1,      2.0);
204.5,      204.5,      2.0);
( 435530.8, 3762264.6,      204.3,      204.3,      2.0);
201.3,      201.3,      2.0);
( 435579.1, 3762300.9,      204.3,      204.3,      2.0);
205.1,      205.1,      2.0);
( 435534.2, 3762377.4,      205.7,      205.7,      2.0);
205.8,      205.8,      2.0);
( 435590.6, 3762718.1,      210.1,      210.1,      2.0);
209.6,      209.6,      2.0);
( 435531.9, 3762761.2,      211.3,      211.3,      2.0);
209.0,      209.0,      2.0);
( 435530.2, 3762901.7,      208.9,      208.9,      2.0);
208.5,      208.5,      2.0);
( 436074.6, 3762112.1,      199.4,      199.4,      2.0);
202.0,      202.0,      2.0);
( 436282.4, 3762105.8,      203.1,      203.1,      2.0);
201.1,      201.1,      2.0);
( 436320.9, 3762136.3,      203.5,      203.5,      2.0);
205.8,      205.8,      2.0);
( 436315.2, 3762364.2,      207.9,      207.9,      2.0);
206.8,      206.8,      2.0);
( 436384.2, 3762390.1,      207.0,      207.0,      2.0);
204.6,      204.6,      2.0);
( 436300.2, 3762696.2,      206.3,      206.3,      2.0);
208.8,      208.8,      2.0);
( 436373.3, 3762854.5,      211.6,      211.6,      2.0);
205.6,      205.6,      2.0);
( 436383.6, 3762547.2,      212.0,      212.0,      2.0);
210.0,      210.0,      2.0);

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** DISCRETE CARTESIAN RECEPTORS ***
(X-COORD, Y-COORD, ZELEV, ZHILL, ZFLAG)
(METERS)

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( 436384.2, 3762473.5,      205.7,      205.7,      2.0);
200.6,      200.6,      2.0);
( 436981.0, 3762093.7,      202.1,      202.1,      2.0);
204.0,      204.0,      2.0);
( 437612.9, 3761991.8,      202.3,      202.3,      2.0);
204.9,      204.9,      2.0);
( 438656.8, 3762038.4,      204.2,      204.2,      2.0);
205.4,      205.4,      2.0);
( 438830.0, 3762098.9,      206.6,      206.6,
2.0);

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*** AERMOD - VERSION 23132 *** C:\Users\atamase\Desktop\HRAs\14835\14835 Const
CO\14835 Const CO.is *** 05/28/24

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*** AERMET - VERSION 16216 ***
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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

[illegible]

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*** UPPER BOUND OF FIRST THROUGH FIFTH WIND SPEED CATEGORIES
***
(METERS/SEC)

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*** 19:25:19

*** UP TO THE FIRST 24 HOURS OF METEOROLOGICAL DATA ***

Surface station no.:	3179	Upper air station no.:	3190
Name:	UNKNOWN	Name:	
	UNKNOWN		
Year:	2012	Year:	2012

YR	MO	DY	JDY	HR	H0	U*	W*	DT/DZ	ZICNV	ZIMCH	M-O	LEN	Z0	BOWEN	ALBEDO	REF	WS
WD			HT	REF	TA												
12	01	01	1	01	-2.3	0.067	-9.000	-9.000	-999.	41.	11.2	0.09	0.74	1.00	0.73		
313.			7.9	279.2	2.0												
12	01	01	1	02	-2.7	0.070	-9.000	-9.000	-999.	44.	11.3	0.09	0.74	1.00	0.80		
342.			7.9	280.9	2.0												
12	01	01	1	03	-5.6	0.098	-9.000	-9.000	-999.	73.	14.7	0.09	0.74	1.00	1.20		

9.	7.9	281.4	2.0											
12 01 01	1 04	-3.5	0.078	-9.000	-9.000	-999.	52.	11.9	0.09	0.74	1.00	0.94		
21.	7.9	282.0	2.0											
12 01 01	1 05	-8.4	0.119	-9.000	-9.000	-999.	99.	18.1	0.09	0.74	1.00	1.45		
353.	7.9	279.9	2.0											
12 01 01	1 06	-7.6	0.113	-9.000	-9.000	-999.	91.	17.0	0.09	0.74	1.00	1.38		
325.	7.9	277.5	2.0											
12 01 01	1 07	-8.0	0.117	-9.000	-9.000	-999.	96.	17.7	0.09	0.74	1.00	1.42		
313.	7.9	281.4	2.0											
12 01 01	1 08	-5.2	0.101	-9.000	-9.000	-999.	77.	17.5	0.09	0.74	0.53	1.23		
19.	7.9	280.9	2.0											
12 01 01	1 09	23.2	0.117	0.267	0.012	29.	97.	-6.2	0.09	0.74	0.31	0.96		
318.	7.9	287.5	2.0											
12 01 01	1 10	65.2	0.101	0.531	0.014	82.	77.	-1.4	0.09	0.74	0.24	0.63		
244.	7.9	291.4	2.0											
12 01 01	1 11	95.5	0.162	0.778	0.008	176.	156.	-4.0	0.09	0.74	0.21	1.23		
91.	7.9	296.4	2.0											
12 01 01	1 12	110.8	0.197	1.018	0.005	338.	209.	-6.1	0.09	0.74	0.20	1.60		
90.	7.9	299.9	2.0											
12 01 01	1 13	110.5	0.229	1.184	0.005	534.	262.	-9.6	0.09	0.74	0.20	1.98		
92.	7.9	302.0	2.0											
12 01 01	1 14	94.6	0.185	1.215	0.005	674.	191.	-5.9	0.09	0.74	0.21	1.50		
73.	7.9	303.1	2.0											
12 01 01	1 15	68.6	0.187	1.184	0.005	858.	194.	-8.4	0.09	0.74	0.25	1.59		
64.	7.9	303.1	2.0											
12 01 01	1 16	24.9	0.255	0.862	0.005	911.	308.	-58.8	0.09	0.74	0.34	2.61		
92.	7.9	300.4	2.0											
12 01 01	1 17	-13.7	0.168	-9.000	-9.000	-999.	168.	31.1	0.09	0.74	0.62	1.98		
107.	7.9	295.4	2.0											
12 01 01	1 18	-26.7	0.279	-9.000	-9.000	-999.	354.	85.6	0.09	0.74	1.00	3.22		
134.	7.9	291.4	2.0											
12 01 01	1 19	-8.0	0.118	-9.000	-9.000	-999.	120.	18.2	0.09	0.74	1.00	1.43		
37.	7.9	290.4	2.0											
12 01 01	1 20	-7.7	0.115	-9.000	-9.000	-999.	94.	17.6	0.09	0.74	1.00	1.40		
49.	7.9	287.0	2.0											
12 01 01	1 21	-9.7	0.130	-9.000	-9.000	-999.	113.	20.2	0.09	0.74	1.00	1.57		
26.	7.9	288.8	2.0											
12 01 01	1 22	-4.8	0.090	-9.000	-9.000	-999.	65.	13.6	0.09	0.74	1.00	1.11		
56.	7.9	284.9	2.0											
12 01 01	1 23	-11.5	0.141	-9.000	-9.000	-999.	127.	21.9	0.09	0.74	1.00	1.69		
36.	7.9	282.0	2.0											
12 01 01	1 24	-16.9	0.172	-9.000	-9.000	-999.	171.	32.4	0.09	0.74	1.00	2.03		
33.	7.9	279.9	2.0											

First hour of profile data

YR	MO	DY	HR	HEIGHT	F	WDIR	WSPD	AMB	TMP	sigmaA	sigmaW	sigmaV
12	01	01	01	7.9	1	313.	0.73	279.3	99.0	-99.00	-99.00	

F indicates top of profile (=1) or below (=0)

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,

VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M**3

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
435742.02	3762152.20	0.18216	(12020624)	435724.12	
3762298.86	0.16281	(12020624)			
435747.26	3762361.49	0.20849	(12020624)	435723.30	
3762502.55	0.07262m	(15011124)			
435859.19	3762496.30	0.13267c	(12120424)	435966.95	
3762529.88	0.08268m	(16031424)			
436013.81	3762335.43	0.12259	(13020624)	435991.16	
3762044.92	0.08181	(14110424)			
435909.17	3762031.65	0.10885c	(14012124)	435769.38	
3762026.96	0.09399	(14120224)			
435725.65	3762045.70	0.09191	(14120224)	435688.89	
3762895.70	0.01326	(12120624)			
436376.34	3762576.84	0.03385	(12120224)	436377.42	
3762051.52	0.02007b	(14072524)			
436105.04	3762030.98	0.04264	(14110424)	437041.68	
3761960.23	0.00714	(13050124)			
437484.97	3761801.09	0.00403	(13050124)	435575.67	
3762106.93	0.05377	(16122724)			
435629.19	3761948.67	0.03946	(15031324)	435594.08	
3761601.07	0.01403m	(13010324)			
435574.52	3761483.10	0.01133m	(13010324)	435576.82	
3761349.59	0.00935m	(13010324)			
435533.08	3761323.11	0.00863m	(13010324)	435533.08	
3761466.98	0.01033m	(13010324)			
435532.51	3761590.14	0.01274	(15011524)	435521.57	
3761735.74	0.01750	(15011524)			
435455.39	3762121.89	0.03388	(16122724)	435308.64	
3761998.16	0.02087	(16122724)			
435089.38	3762109.23	0.01176	(12020624)	435008.24	
3762102.32	0.01001	(12020624)			
434982.92	3762041.90	0.00925	(12020624)	434916.16	
3762045.35	0.00830	(12020624)			
434913.86	3762096.57	0.00847	(12020624)	434807.97	
3762044.77	0.00702	(12020624)			
434644.53	3762110.95	0.00570	(12020624)	434570.29	
3762032.11	0.00509	(12020624)			
434509.87	3762100.02	0.00481	(12020624)	434450.59	
3762027.51	0.00443	(12020624)			
434373.48	3762101.17	0.00412	(12020624)	434250.32	
3762028.08	0.00359	(12020624)			
434184.14	3762102.32	0.00339	(12020624)	434103.58	
3762020.60	0.00312	(12020624)			
433979.27	3762102.90	0.00281	(12020624)	433986.18	
3762035.57	0.00282	(12020624)			
433812.38	3762100.02	0.00245	(12020624)	433884.32	
3762044.77	0.00259	(12020624)			
433816.98	3762048.23	0.00246	(12020624)	433738.14	
3762068.37	0.00231	(12020624)			
433707.64	3762141.45	0.00225	(12020624)	433650.67	
3762113.26	0.00217	(12020624)			
433607.51	3762151.24	0.00209	(12020624)	433553.41	
3762214.54	0.00199	(12020624)			
433646.06	3762194.40	0.00213	(12020624)	433540.75	
3762316.98	0.00191	(12020624)			

433490.68	3762288.20	0.00186	(12020624)	433461.33
3762325.61	0.00180	(12020624)		
433505.65	3762364.17	0.00183	(12020624)	433406.66
3762363.02	0.00172	(12020624)		
433365.80	3762459.70	0.00176	(12122024)	433280.63
3762509.77	0.00172	(12122024)		
433052.74	3762772.76	0.00219	(12122024)	433099.93
3762716.37	0.00190	(12122024)		
435530.78	3762264.61	0.05007	(12122024)	435575.09
3762162.75	0.05686	(16122724)		
435579.12	3762300.86	0.06218	(12122024)	435572.79
3762402.15	0.05437	(12122024)		
435534.23	3762377.40	0.04876	(12122024)	435510.06
3762594.36	0.02720	(12020424)		
435590.63	3762718.09	0.02863m	(15011124)	435533.66
3762701.40	0.02508m	(15011124)		
435531.93	3762761.25	0.02382m	(15011124)	435533.08
3762842.40	0.01991m	(15011124)		
435530.21	3762901.67	0.01718m	(15011124)	435576.24
3762894.77	0.01663m	(15011124)		
436074.62	3762112.10	0.06255c	(13112024)	436197.77
3762106.93	0.03600	(13050124)		
436282.37	3762105.77	0.02928	(13050124)	436632.26
3762115.56	0.01503	(13050124)		
436320.92	3762136.28	0.02920	(13050124)	436318.62
3762239.29	0.03321b	(13091024)		

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE 1ST HIGHEST 24-HR AVERAGE CONCENTRATION VALUES FOR
SOURCE GROUP: ALL ***
INCLUDING SOURCE(S): VOL6 , VOL7 ,
VOL8 , VOL9 , VOL10 ,
VOL11 , VOL12 , VOL13 , VOL14 , VOL15 ,
VOL16 , VOL17 , VOL18 ,
VOL19 , VOL20 , VOL21 , VOL22 , VOL23 ,
VOL24 , VOL25 , VOL26 ,
VOL27 , VOL28 , VOL29 , VOL30 , VOL31 ,
VOL32 , VOL33 , . . . ,

*** DISCRETE CARTESIAN RECEPTOR POINTS ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

X-COORD (M)	Y-COORD (M)	CONC	(YYMMDDHH)	X-COORD (M)	Y-COORD
(M)	CONC	(YYMMDDHH)			
436315.17	3762364.17	0.03950	(12080324)	436400.92	
3762308.35	0.02994	(12080324)			
436384.23	3762390.06	0.02925	(12080324)	436316.89	
3762460.27	0.03250	(12120224)			
436300.21	3762696.22	0.02359	(12120224)	436315.74	
3762804.41	0.02484	(13102424)			
436373.29	3762854.48	0.02290	(13102424)	436382.50	
3762714.64	0.02050	(12120224)			
436383.65	3762547.17	0.03386	(12120224)	436377.90	
3762595.51	0.03283	(12120224)			
436384.23	3762473.51	0.02755	(12120224)	436845.19	
3762097.72	0.01072	(13050124)			

436981.01	3762093.69	0.00901	(13050124)	437132.93
3762087.36	0.00773	(13050124)		
437612.89	3761991.83	0.00452	(13050124)	438134.86
3762039.02	0.00337	(13050124)		
438656.82	3762038.44	0.00239	(13050124)	438836.95
3762037.87	0.00229b	(14070124)		
438830.04	3762098.87	0.00240b		
(14070124)				

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL URBAN ADJ_U*

*** THE SUMMARY OF HIGHEST 24-HR RESULTS ***

** CONC OF PM_{2.5} IN
MICROGRAMS/M³ **

GROUP ID	DATE	AVERAGE CONC	NETWORK
ZELEV, ZHILL, ZFLAG)	(YYMMDDHH)	GRID-ID	RECEPTOR (XR, YR,
OF TYPE			
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ALL HIGH 1ST HIGH VALUE IS 0.20849 ON 12020624: AT (435747.26, 3762361.49,
204.86, 204.86, 2.00) DC

*** RECEPTOR TYPES: GC = GRIDCART
GP = GRIDPOLR
DC = DISCCART
DP = DISCPOLR

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*** MODELOPTs: RegDFAULT CONC ELEV FLGPOL 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 1279 Informational Message(s)

A Total of 43848 Hours Were Processed

A Total of 917 Calm Hours Identified

A Total of 362 Missing Hours Identified (0.83 Percent)

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

***** WARNING MESSAGES *****

ME W186	180	MEOPEN: THRESH_1MIN 1-min ASOS wind speed threshold used	0.50
ME W187	180	MEOPEN: ADJ_U* Option for Stable Low Winds used in AERMET	

*** AERMOD Finishes Successfully ***

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